

Технические характеристики

По вопросам продаж и поддержки обращайтесь:











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Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
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Екатеринбург (343)384-55-89
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Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70












Казань (843)206-01-48
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Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
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Магнитогорск (3519)55-03-13
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Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47













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Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
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Санкт-Петербург (812)309-46-40
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Казахстан (7172)727-132











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Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
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Ярославль (4852)69-52-93












MOSFETS











Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
2N7002K		Single	SOT-23	N	60	20						4			2	0.4				0.3	0.35	1	
IRF510		Single	TO-220AB	N	100	20									0.54		8.3	2.3	3.8	5.6	43	2	
IRF510S, SiHF510S		Single	D2PAK (TO-263)	N	100	20									0.54		8.3	2.3	3.8	5.6	43	2	
IRF520		Single	TO-220AB	N	100	20									0.27		16	4.4	7.7	9.2	60	2	
IRF520S, SiHF520S		Single	D2PAK (TO-263)	N	100	20									0.27		16	4.4	7.7	9.2	60	2	
IRF530		Single	TO-220AB	N	100	20									0.16		26	5.5	11	14	88	2	
IRF530S, SiHF530S		Single	D2PAK (TO-263)	N	100	20									0.16		26	5.5	11	14	88	2	
IRF540		Single	TO-220AB	N	100	20									0.077		72	11	32	28	150	2	
IRF540S, SiHF540S		Single	D2PAK (TO-263)	N	100	20									0.077		72	11	32	28	150	2	
IRF610		Single	TO-220AB	N	200	20									1.5		8.2	1.8	4.5	3.3	36	2	
IRF610S, SiHF610S, IRF610L, SiHF610L		Single	D2PAK (TO-263)	N	200	20									1.5		8.2	1.8	4.5	3.3	36	2	












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRF614		Single	TO-220AB	N	250	20									2		8.2	1.8	4.5	2.7	36	2	
IRF614S, SiHF614S		Single	D2PAK (TO-263)	N	250	20									2		8.2	1.8	4.5	2.7	36	2	
IRF620		Single	TO-220AB	N	200	20									0.8		14	3	7.9	5.2	50	2	
IRF620S, SiHF620S		Single	D2PAK (TO-263)	N	200	20									0.8		14	3	7.9	5.2	50	2	
IRF624		Single	TO-220AB	N	250	20									1.1		14	2.7	7.8	4.4	50	2	
IRF624S, SiHF624S		Single	D2PAK (TO-263)	N	250	20									1.1		14	2.7	7.8	4.4	50	2	
IRF630		Single	TO-220AB	N	200	20									0.4		43	7	23	9	74	2	
IRF630S, SiHF630S		Single	D2PAK (TO-263)	N	200	20									0.4		43	7	23	9	74	2	
IRF634		Single	TO-220AB	N	250	20									0.45		41	6.5	22	8.1	74	2	
IRF634S, SiHF634S		Single	D2PAK (TO-263)	N	250	20									0.45		41	6.5	22	8.1	74	2	
IRF640, SiHF640		Single	TO-220AB	N	200	20									0.18		70	13	39	18	125	2	












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRF640S, SiHF640S, SiHF640L		Single	I2PAK (TO-262)	N	200	20									0.18		70	13	39	18	130	2	
IRF640S, SiHF640S, SiHF640L		Single	D2PAK (TO-263)	N	200	20									0.18		70	13	39	18	130	2	
IRF644		Single	TO-220AB	N	250	20									0.28		68	11	35	14	125	2	
IRF644S, SiHF644S		Single	D ² PAK (TO-263)	N	250	20									0.28		68	11	35	14	125	2	
IRF710		Single	TO-220AB	N	400	20									3.6		17	3.4	8.5	2	36	2	
IRF710S, SiHF710S		Single	D ² PAK (TO-263)	N	400	20									3.6		17	3.4	8.5	2	36	2	
IRF720		Single	TO-220AB	N	400	20									1.8		20	3.3	11	3.3	50	2	
IRF720S, SiHF720S, IRF720L, SiHF720L		Single	D2PAK (TO-263)	N	400	20									1.8		20	3.3	11	3.3	50	2	
IRF720S, SiHF720S, IRF720L, SiHF720L		Single	I2PAK (TO-262)	N	400	20									1.8		20	3.3	11	3.3	50	2	
IRF730		Single	TO-220AB	N	400	20									1		38	5.7	22	5.5	74	2	
IRF730A		Single	TO-220AB	N	400	30									1		22	5.8	9.3	5.5	74	2	
IRF730AS, SiHF730AS,		Single	D2PAK (TO-263)	N	400	30									1		22	5.8	9.3	5.5	74	2	












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRF730AL, SiHF730AL																							
IRF730AS, SiHF730AS, IRF730AL, SiHF730AL		Single	I2PAK (TO-262)	N	400	30									1	22	5.8	9.3	5.5	74	2		
IRF730B		Single	TO-220AB	N	400	30									1	9	3	4	6	104	3	1.9	
IRF730S, SiHF730S		Single	D2PAK (TO-263)	N	400	20									1	38	5.7	22	5.5	74	2		
IRF740		Single	TO-220AB	N	400	20									0.55	63	9	32	10	125	2		
IRF740A		Single	TO-220AB	N	400	30									0.55	36	9.9	16	10	125	2		
IRF740AS, SiHF740AS, IRF740AL, SiHF740AL		Single	D2PAK (TO-263)	N	400	30									0.55	36	9.9	16	10	3.1	2		
IRF740AS, SiHF740AS, IRF740AL, SiHF740AL		Single	I2PAK (TO-262)	N	400	30									0.55	36	9.9	16	10	3.1	2		
IRF740B		Single	TO-220AB	N	400	30									0.6	15	4	7	10	147	3	1.8	
IRF740LC		Single	TO-220AB	N	400	30									0.55	39	10	19	10	125	2		
IRF740S, SiHF740S		Single	D2PAK (TO-263)	N	400	20									0.55	63	9	32	10	125	2		











Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRF820		Single	TO-220AB	N	500	20									3		24	3.3	13	2.5	50	2	
IRF820A		Single	TO-220AB	N	500	30									3		17	4.3	8.5	2.5	50	2	
IRF820AS, SiHF820AS, IRF820AL, SiHF820AL		Single	D2PAK (TO-263)	N	500	30									3		17	4.3	8.5	2.5	50	2	
IRF820AS, SiHF820AS, IRF820AL, SiHF820AL		Single	I2PAK (TO-262)	N	500	30									3		17	4.3	8.5	2.5	50	2	
IRF820S, SiHF820S, IRF820L, SiHF820L		Single	D2PAK (TO-263)	N	500	20									3		24	3.3	13	2.5	50	2	
IRF830		Single	TO-220AB	N	500	20									1.5		38	5	22	4.5	74	2	
IRF830A		Single	TO-220AB	N	500	30									1.4		24	6.3	11	5	74	2	
IRF830AS, IRF830AL, SiHF830AS, SiHF830AL		Single	D2PAK (TO-263)	N	500	30									1.4		24	6.3	11	5	3.1	2	
IRF830AS, IRF830AL, SiHF830AS, SiHF830AL		Single	I2PAK (TO-262)	N	500	30									1.4		24	6.3	11	5	3.1	2	
IRF830B		Single	TO-220AB	N	500	30									1.5		10	3	5	5.3	104	3	1.7
IRF830S, SiHF830S, IRF830L,		Single	I2PAK (TO-262)	N	500	20									1.5		38	5	22	4.5	74	2	












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHF830L																							
IRF830S, SiHF830S, IRF830L, SiHF830L		Single	D2PAK (TO-263)	N	500	20									1.5	38	5	22	4.5	74	2		
IRF840		Single	TO-220AB	N	500	20									0.85	63	9.3	32	8	125	2		
IRF840A		Single	TO-220AB	N	500	30									0.85	38	9	18	8	125	2		
IRF840AS, SiHF840AS, IRF840AL, SiHF840AL		Single	D2PAK (TO-263)	N	500	30									0.85	38	9	18	8	125	2		
IRF840AS, SiHF840AS, IRF840AL, SiHF840AL		Single	I2PAK (TO-262)	N	500	30									0.85	38	9	18	8	125	2		
IRF840B		Single	TO-220AB	N	500	30									0.85	15	4	7	8.7	156	3	1.8	
IRF840L, SiHF840L		Single	I2PAK (TO-262)	N	500	20									0.85	63	9.3	32	8	125	2		
IRF840LC		Single	TO-220AB	N	500	30									0.85	39	10	19	8	125	2		
IRF840LCS, IRF840LCL, SiHF840LCS, SiHF840LCL		Single	D2PAK (TO-263)	N	500	30									0.85	39	10	19	8	125	2		
IRF840LCS, IRF840LCL, SiHF840LCS, SiHF840LCL		Single	I2PAK (TO-262)	N	500	30									0.85	39	10	19	8	125	2		











Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRF840S, SiHF840S		Single	D2PAK (TO-263)	N	500	20									0.85		63	9.3	32	8	125	2	
IRF9510		Single	TO-220AB	P	-100	20									1.2		8.7	2.2	4.1	-4	43	-2	
IRF9510S, SiHF9510S		Single	D2PAK (TO-263)	P	-100	20									1.2		8.7	2.2	4.1	-4	43	-2	
IRF9520		Single	TO-220AB	P	-100	20									0.6		18	3	9	-6.8	60	-2	
IRF9520S, SiHF9520S		Single	D2PAK (TO-263)	P	-100	20									0.6		18	3	9	-6.8	60	-2	
IRF9530		Single	TO-220AB	P	-100	20									0.3		38	6.8	21	-12	88	-2	
IRF9530S, SiHF9530S		Single	D2PAK (TO-263)	P	-100	20									0.3		38	6.8	21	-12	88	-2	
IRF9540		Single	TO-220AB	P	-100	20									0.2		61	14	29	-19	150	-2	
IRF9540S, SiHF9540S		Single	D2PAK (TO-263)	P	-100	20									0.2		61	14	29	-19	150	-2	
IRF9610		Single	TO-220AB	P	-200	20									3		11	7	4	-1.8	20	-2	
IRF9610S, SiHF9610S		Single	D2PAK (TO-263)	P	-200	20									3		11	7	4	-1.8	20	-2	











Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRF9620		Single	TO-220AB	P	-200	20									1.5		22	12	10	-3.5	40	-2	
IRF9620S, SiHF9620S		Single	D2PAK (TO-263)	P	-200	20									1.5		22	12	10	-3.5	40	-2	
IRF9630		Single	TO-220AB	P	-200	20									0.8		29	5.4	15	-6.5	74	-2	
IRF9630S, SiHF9630S		Single	D2PAK (TO-263)	P	-200	20									0.8		29	5.4	15	-6.5	74	-2	
IRF9640		Single	TO-220AB	P	-200	20									0.5		44	7.1	27	-11	125	-2	
IRF9640S, SiHF9640S, IRF9640L, SiHF9640L		Single	D2PAK (TO-263)	P	-200	20									0.5		44	7.1	27	-11	125	-2	
IRF9640S, SiHF9640S, IRF9640L, SiHF9640L		Single	I2PAK (TO-262)	P	-200	20									0.5		44	7.1	27	-11	125	-2	
IRF9Z10		Single	TO-220AB	P	-60	20									0.5		12	3.8	5.1	-6.7	43	-2	
IRF9Z14		Single	TO-220AB	P	-60	20									0.5		12	3.8	5.1	-6.7	43	-2	
IRF9Z14S, SiHF9Z14S, IRF9Z14L, SiHF9Z14L		Single	D2PAK (TO-263)	P	-60	20									0.5		12	3.8	5.1	-6.7	43	-2	
IRF9Z14S, SiHF9Z14S,		Single	I2PAK (TO-262)	P	-60	20									0.5		12	3.8	5.1	-6.7	43	-2	











Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRF9Z14L, SiHF9Z14L																							
IRF9Z20, SiHF9Z20		Single	TO-220AB	P	-50	20									0.28		26	6.2	8.6	-9.7	40	2	
IRF9Z24		Single	TO-220AB	P	-60	20									0.28		19	5.4	11	-11	60	-2	
IRF9Z24S, SiHF9Z24S		Single	D2PAK (TO-263)	P	-60	20									0.28		19	5.4	11	-11	60	2	
IRF9Z30		Single	TO-220AB	P	-50	20									0.14		26	6.9	9.7	-18	74	-2	
IRF9Z34		Single	TO-220AB	P	-60	20									0.14		34	9.9	16	-18	88	-2	
IRF9Z34S, SiHF9Z34S		Single	D2PAK (TO-263)	P	-60	20									0.14		34	9.9	16	-18	88	-2	
IRFB11N50A		Single	TO-220	N	500	30									0.52		52	13	18	11	170	2	
IRFB13N50A		Single	TO-220AB	N	500	30									0.45		81	20	36	14	250	2	
IRFB17N50L		Single	TO-220AB	N	500	30									0.32		130	33	59	16	220	3	
IRFB18N50K		Single	TO-220	N	500	30									0.29		120	34	54	17	220	3	
IRFB20N50K		Single	TO-220AB	N	500	30									0.25		110	33	54	20	280	3	














Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFB9N60A		Single	TO-220AB	N	600	30									0.75		49	13	20	9.2	170	2	
IRFB9N65A		Single	TO-220AB	N	650	30									0.93		48	12	19	8.5	167	2	
IRFBC20		Single	TO-220AB	N	600	20									4.4		18	3	8.9	2.2	50	2	
IRFBC20S, SiHFBC20S, IRFBC20L, SiHFBC20L		Single	D2PAK (TO-263)	N	600	20									4.4		18	3	8.9	2.2	3.1	2	
IRFBC20S, SiHFBC20S, IRFBC20L, SiHFBC20L		Single	I2PAK (TO-262)	N	600	20									4.4		18	3	8.9	2.2	3.1	2	
IRFBC30		Single	TO-220AB	N	600	20									2.2		31	4.6	17	3.6	74	2	
IRFBC30A		Single	TO-220AB	N	600	30									2.2		23	5.4	11	3.6	74	2	
IRFBC30AS, SiHFBC30AS, IRFBC30AL, SiHFBC30AL		Single	D2PAK (TO-263)	N	600	30									2.2		23	5.4	11	3.6	74	2	
IRFBC30AS, SiHFBC30AS, IRFBC30AL, SiHFBC30AL		Single	I2PAK (TO-262)	N	600	30									2.2		23	5.4	11	3.6	74	2	
IRFBC30S, SiHFBC30S, IRFBC30L, SiHFBC30L		Single	D2PAK (TO-263)	N	600	20									2.2		31	4.6	17	3.6	3.1	2	














Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFBC30S, SiHFBC30S, IRFBC30L, SiHFBC30L		Single	I2PAK (TO-262)	N	600	20									2.2		31	4.6	17	3.6	3.1	2	
IRFBC40		Single	TO-220AB	N	600	20									1.2		60	8.3	30	6.2	125	2	
IRFBC40A		Single	TO-220AB	N	600	30									1.2		42	10	20	6.2	125	2	
IRFBC40AS, SiHFBC40AS		Single	D2PAK (TO-263)	N	600	30									1.2		42	10	20	6.2	125	2	
IRFBC40LC		Single	TO-220AB	N	600	30									1.2		39	10	19	6.2	125	2	
IRFBC40S, SiHFBC40S, IRFBC40L, SiHFBC40L		Single	D2PAK (TO-263)	N	600	20									1.2		60	8.3	30	6.2	130	2	
IRFBC40S, SiHFBC40S, IRFBC40L, SiHFBC40L		Single	I2PAK (TO-262)	N	600	20									1.2		60	8.3	30	6.2	130	2	
IRFBE20		Single	TO-220AB	N	800	20									6.5		38	5	21	1.8	54	2	
IRFBE30		Single	TO-220AB	N	800	20									3		78	9.6	45	4.1	125	2	
IRFBE30S, SiHFBE30S, IRFBE30L, SiHFBE30L		Single	D2PAK (TO-263)	N	800	20									3		78	9.6	45	4.1	125	2	
IRFBE30S, SiHFBE30S,		Single	I2PAK (TO-262)	N	800	20									3		78	9.6	45	4.1	125	2	














Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFBE30L, SiHFBE30L																							
IRFBF20		Single	TO-220AB	N	900	20									8	38	4.7	21	1.7	54	2		
IRFBF20S, SiHFBF20S, IRFBF20L, SiHFBF20L		Single	D2PAK (TO-263)	N	900	20									8	38	4.7	21	1.7	54	2		
IRFBF20S, SiHFBF20S, IRFBF20L, SiHFBF20L		Single	I2PAK (TO-262)	N	900	20									8	38	4.7	21	1.7	54	2		
IRFBF30		Single	TO-220AB	N	900	20									3.7	78	10	42	3.6	125	2		
IRFBG20		Single	TO-220AB	N	1000	20									11	38	4.9	22	1.4	54	2		
IRFBG30		Single	TO-220AB	N	1000	20									5	80	10	42	3.1	125	2		
IRFD014		Single	HVMDIP	N	60	20									0.2	11	3.1	5.8	1.7	1.3	2		
IRFD020		Single	HVMDIP	N	50	20									0.1	16	4.7	4.7	2.4	1	2		
IRFD024		Single	HVMDIP	N	60	20									0.1	25	5.8	11	2.5	1.3	2		
IRFD110		Single	HVMDIP	N	100	20									0.54	8.3	2.3	3.8	1	1.3	2		














Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFD113																							
IRFD120		Single	HVMDIP	N	100	20									0.27		16	4.4	7.7	1.3	1.3	2	
IRFD123		Single	HVMDIP	N	100	20									0.27		16	4.4	7.7	1.3	1.3	2	
IRFD210		Single	HVMDIP	N	200	20									1.5		8.2	1.8	4.5	0.6	1	2	
IRFD214		Single	HVMDIP	N	250	20									2		8.2	1.8	4.5	0.45	1	2	
IRFD220		Single	HVMDIP	N	200	20									0.8		14	3	7.9	0.8	1	2	
IRFD224		Single	HVMDIP	N	250	20									1.1		14	2.7	7.8	0.63	1	2	
IRFD310		Single	HVMDIP	N	400	20									3.6		17	3.4	8.5	0.35	1	2	
IRFD320		Single	HVMDIP	N	400	20									1.8		20	3.3	11	0.49	1	2	
IRFD420		Single	HVMDIP	N	500	20									3		24	3.3	13	0.37	1	2	














Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFD9010																							
IRFD9014		Single	HVMDIP	P	-60	20									0.5		12	3.8	5.1	-1.1	1.3	-2	
IRFD9020		Single	HVMDIP	P	-60	20									0.28		19	5.4	11	-1.6	1.3	-2	
IRFD9024																							
IRFD9110		Single	HVMDIP	P	-100	20									1.2		8.7	2.2	4.1	-0.7	1.3	-2	
IRFD9120		Single	HVMDIP	P	-100	20									0.6		18	3	9	-1	1.3	-2	
IRFD9210		Single	HVMDIP	P	-200	20									3		8.9	2.1	3.9	-0.4	1	-2	
IRFD9220		Single	HVMDIP	P	-200	20									1.5		15	3.2	8.4	-0.56	1	-2	
IRFDC20		Single	HVMDIP	N	600	20									4.4		18	3	8.9	0.32	1	2	
IRFI510G		Single	TO-220 FULLPAK	N	100	20									0.54		8.3	2.3	3.8	4.5	27	2	















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)	
IRFI520G		Single	TO-220 FULLPAK	N	100	20									0.27		16	4.4	7.7	7.2	37	2		
IRFI530G		Single	TO-220 FULLPAK	N	100	20									0.16		33	5.4	15	9.7	42	2		
IRFI540G		Single	TO-220 FULLPAK	N	100	20									0.077		72	11	32	17	48	2		
IRFI614G		Single	TO-220 FULLPAK	N	250	20									2		8.2	1.8	4.5	2.1	23	2		
IRFI620G		Single	TO-220 FULLPAK	N	200	20									0.8		14	3	7.9	4.1	30	2		
IRFI630G		Single	TO-220 FULLPAK	N	200	20									0.4		43	7	23	5.9	35	2		
IRFI634G		Single	TO-220 FULLPAK	N	250	20									0.45		41	6.5	22	5.6	35	2		
IRFI640G		Single	TO-220 FULLPAK	N	200	20									0.18		70	13	39	9.8	40	2		
IRFI644G																								
IRFI720G		Single	TO-220 FULLPAK	N	400	20									1.8		20	3.3	11	2.6	30	2		
IRFI730G		Single	TO-220 FULLPAK	N	400	20									1		38	5.7	22	3.7	35	2		
IRFI740G		Single	TO-220 FULLPAK	N	400	20									0.55		66	10	33	5.4	40	2		
IRFI740GLC		Single	TO-220 FULLPAK	N	400	30									0.55		39	10	19	5.7	40	2		
















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFI820G		Single	TO-220 FULLPAK	N	500	20									3		24	3.3	13	2.1	30	2	
IRFI830G		Single	TO-220 FULLPAK	N	500	20									1.5		38	5	22	3.1	35	2	
IRFI840G		Single	TO-220 FULLPAK	N	500	20									0.85		67	10	34	4.6	40	2	
IRFI840GLC		Single	TO-220 FULLPAK	N	500	30									0.85		39	10	19	4.5	40	2	
IRFI9520G		Single	TO-220 FULLPAK	P	-100	20									0.6		18	3	9	-5.2	37	-2	
IRFI9530G		Single	TO-220 FULLPAK	P	-100	20									0.3		38	6.8	21	-7.7	42	-2	
IRFI9540G		Single	TO-220 FULLPAK	P	-100	20									0.2		61	14	29	-11	48	-2	
IRFI9610G		Single	TO-220 FULLPAK	P	-200	20									3		13	3.2	7.3	-2	27	-2	
IRFI9620G		Single	TO-220 FULLPAK	P	-200	20									1.5		15	3.2	8.4	-3	30	-2	
IRFI9630G		Single	TO-220 FULLPAK	P	-200	20									0.8		29	5.4	15	-4.3	35	-2	
IRFI9634G		Single	TO-220 FULLPAK	P	-250	20									1		38	8	18	-4.1	35	-2	
IRFI9640G		Single	TO-220 FULLPAK	P	-200	20									0.5		44	7.1	27	-6.1	40	-2	
IRFI9Z14G		Single	TO-220 FULLPAK	P	-60	20									0.5		12	3.8	5.1	-5.3	27	-2	















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFI9Z24G		Single	TO-220 FULLPAK	P	-60	20									0.28		19	5.4	11	-8.5	37	-2	
IRFI9Z34G		Single	TO-220 FULLPAK	P	-60	20									0.14		34	9.9	16	-12	42	-2	
IRFIB5N65A		Single	TO-220 FULLPAK	N	650	30									0.93		48	12	19	5.1	60	2	
IRFIB6N60A		Single	TO-220 FULLPAK	N	600	30									0.75		49	13	20	5.5	60	2	
IRFIB7N50A		Single	TO-220 FULLPAK	N	500	30									0.52		52	13	18	6.6	60	2	
IRFIBC20G		Single	TO-220 FULLPAK	N	600	20									4.4		18	3	8.9	1.7	30	2	
IRFIBC30G		Single	TO-220 FULLPAK	N	600	20									2.2		31	4.6	17	2.5	35	2	
IRFIBC40G		Single	TO-220 FULLPAK	N	600	20									1.2		60	8.3	30	3.5	40	2	
IRFIBC40GLC		Single	TO-220 FULLPAK	N	600	20									1.2		39	10	19	3.5	40	2	
IRFIBE20G		Single	TO-220 FULLPAK	N	800	20									6.5		38	5	21	1.4	30	2	
IRFIBE30G		Single	TO-220 FULLPAK	N	800	20									3		78	9.6	45	2.1	35	2	
IRFIBF20G		Single	TO-220 FULLPAK	N	900	20									8		38	4.7	21	1.2	30	2	
IRFIBF30G		Single	TO-220 FULLPAK	N	900	20									3.7		78	10	42	1.9	35	2	

Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFIZ14G		Single	TO-220 FULLPAK	N	60	20									0.2	11	3.1	5.8	8	27	2		
IRFIZ24G		Single	TO-220 FULLPAK	N	60	20									0.1	25	5.8	11	14	37	2		
IRFIZ34G		Single	TO-220 FULLPAK	N	60	20									0.05	46	11	22	20	42	2		
IRFIZ44G		Single	TO-220 FULLPAK	N	60	20									0.028	95	27	46	30	48	2		
IRFIZ48G		Single	TO-220 FULLPAK	N	60	20									0.018	110	29	36	37	50	2		
IRFL014, SiHFL014		Single	SOT-223	N	60	20									0.2	11	3.1	5.8	2.7	3.1	2		
IRFL110, SiHFL110		Single	SOT-223	N	100	20									0.54	8.3	2.3	3.8	1.5	3.1	2		
IRFL210, SiHFL210		Single	SOT-223	N	200	20									1.5	8.2	1.8	4.5	0.96	3.1	2		
IRFL214, SiHFL214		Single	SOT-223	N	250	20									2	8.2	1.8	4.5	0.79	3.1	2		
IRFL9014, SiHFL9014		Single	SOT-223	P	-60	20									0.5	12	3.8	5.1	-1.8	3.1	-2		
IRFL9110, SiHFL9110		Single	SOT-223	P	-100	20									1.2	8.7	2.2	4.1	-1.1	3.1	-2		
IRFP048		Single	TO-247AC	N	60	20									0.018	110	29	38	70	190	2		
IRFP048R, SiHFP048R		Single	TO-247AC	N	60	20									0.018	110	29	38	70	190	2		

Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)	
IRFP054		Single	TO-247AC	N	60	20									0.014		160	48	54	70	230	2		
IRFP064		Single	TO-247AC	N	60	20									0.009		190	55	90	70	300	2		
IRFP140		Single	TO-247AC	N	100	20									0.077		72	11	32	31	180	2		
IRFP150		Single	TO-247AC	N	100	20									0.055		140	29	68	41	230	2		
IRFP17N50L		Single	TO-247AC	N	500	30									0.32		130	33	59	16	220	3	1.4	
IRFP21N60L		Single	TO-247AC	N	600	30									0.32		150	46	64	21	330	3	0.63	
IRFP22N50A		Single	TO-247AC	N	500	30									0.23		120	32	52	22	277	2		
IRFP22N60K		Single	TO-247AC	N	600	30									0.28		150	45	76	22	370	3		
IRFP23N50L		Single	TO-247AC	N	500	30									0.235		150	44	72	23	370	3	1.2	
IRFP240																								
IRFP244		Single	TO-247AC	N	250	20									0.28		63	12	39	15	150	2		
IRFP250		Single	TO-247AC	N	200	20									0.085		140	28	74	30	190	2		
IRFP254		Single	TO-247AC	N	250	20									0.14		140	24	71	23	190	2		

Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFP260		Single	TO-247AC	N	200	20									0.055		230	42	110	46	280	2	
IRFP264		Single	TO-247AC	N	250	20									0.075		210	35	98	38	280	2	
IRFP26N60L		Single	TO-247AC	N	600	30									0.25		180	61	85	26	470	3	
IRFP27N60K		Single	TO-247AC	N	600	30									0.22		180	56	86	27	500	3	
IRFP31N50L		Single	TO-247AC	N	500	30									0.18		210	58	100	31	460	3	1.1
IRFP32N50K		Single	TO-247AC	N	500	30									0.16		190	59	84	32	460	3	
IRFP340		Single	TO-247AC	N	400	20									0.55		62	10	30	11	150	2	
IRFP350		Single	TO-247AC	N	400	20									0.3		150	23	80	16	190	2	
IRFP350LC		Single	TO-247AC	N	400	30									0.3		76	20	37	16	190	2	
IRFP360		Single	TO-247AC	N	400	20									0.2		210	30	110	23	280	2	
IRFP360LC		Single	TO-247AC	N	400	30									0.2		110	28	45	23	280	2	
IRFP440		Single	TO-247AC	N	500	20									0.85		63	11	30	8.8	150	2	
IRFP448		Single	TO-247AC	N	500	20									0.6		84	8.4	50	11	180	2	
IRFP450		Single	TO-247	N	500	20									0.4		150	20	80	14	190	2	









Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFP450A		Single	TO-247	N	500	30									0.4		64	16	26	14	190	2	
IRFP450LC		Single	TO-247	N	500	30									0.4		74	19	35	14	190	2	
IRFP450LC_RC, SiHFP450LC_RC				P																			
IRFP460		Single	TO-247	N	500	20									0.27		210	29	110	20	280	2	
IRFP460A		Single	TO-247	N	500	30									0.27		105	26	42	20	280	2	
IRFP460B, SiHG460B		Single	TO-247AC	N	500	20									0.25		85	14	28	20	278	2	1.8
IRFP460LC		Single	TO-247	N	500	30									0.27		120	32	49	20	280	2	
IRFP9140		Single	TO-247AC	P	-100	20									0.2		61	14	29	-21	180	-2	
IRFP9240, SiHFP9240		Single	TO-247AC	P	-200	20									0.5		44	7.1	27	-12	150	2	
IRFPC40, SiHFPC40		Single	TO-247AC	N	600	20									1.2		60	8.3	30	6.8	150	2	
IRFPC50, SiHFPC50		Single	TO-247AC	N	600	20									0.6		140	20	69	11	180	2	
IRFPC50A, SiHFPC50A		Single	TO-247AC	N	600	30									0.58		70	19	28	11	180	2	
IRFPC50LC, SiHFPC50LC		Single	TO-247AC	N	600	30									0.6		84	18	36	11	190	2	
IRFPC60, SiHFPC60		Single	TO-247AC	N	600	20									0.4		210	26	110	16	280	2	
IRFPC60LC, SiHFPC60LC		Single	TO-247AC	N	600	30									0.4		120	29	48	16	280	2	










Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFPE30, SiHFPE30		Single	TO-247AC	N	800	20									3		78	9.6	45	4.1	125	2	
IRFPE40		Single	TO-247AC	N	800	20									2		130	17	72	5.4	150	2	
IRFPE50		Single	TO-247AC	N	800	20									1.2		200	24	110	7.8	190	2	
IRFPF30		Single	TO-247AC	N	900	20									3.7		78	10	42	3.6	125	2	
IRFPF40		Single	TO-247AC	N	900	20									2.5		120	16	67	4.7	150	2	
IRFPF50		Single	TO-247AC	N	900	20									1.6		200	24	110	6.7	190	2	
IRFPG30		Single	TO-247AC	N	1000	20									5		80	10	42	3.1	125	2	
IRFPG40		Single	TO-247AC	N	1000	20									3.5		120	16	65	4.3	150	2	
IRFPG50		Single	TO-247AC	N	1000	20									2		190	23	110	6.1	190	2	
IRFR010, SiHFR010		Single	DPAK (TO-252)	N	50	20									0.2		6.7	1.8	3.2	8.2	25	2	
IRFR014, IRFU014, SiHFR014, SiHFU014		Single	DPAK (TO-252)	N	60	20									0.2		11	3.1	5.8	7.7	25	2	
IRFR014, IRFU014, SiHFR014, SiHFU014		Single	IPAK (TO-251)	N	60	20									0.2		11	3.1	5.8	7.7	25	2	
IRFR020, IRFU020, SiHFR020, SiHFU020		Single	DPAK (TO-252)	N	60	20									0.1		25	5.8	11	14	42	2	
IRFR020, IRFU020, SiHFR020,		Single	IPAK (TO-251)	N	60	20									0.1		25	5.8	11	14	42	2	












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)	
SiHFU020																								
IRFR024, IRFU024, SiHFR024, SiHFU024		Single	DPAK (TO-252)	N	60	20									0.1		25	5.8	11	14	42	2		
IRFR024, IRFU024, SiHFR024, SiHFU024		Single	IPAK (TO-251)	N	60	20									0.1		25	5.8	11	14	42	2		
IRFR110, SiHFR110		Single	DPAK (TO-252)	N	100	20									0.54		8.3	2.3	3.8	4.3	25	2		
IRFR120, IRFU120, SiHFR120, SiHFU120		Single	DPAK (TO-252)	N	100	20									0.27		16	4.4	7.7	7.7	42	2		
IRFR120, IRFU120, SiHFR120, SiHFU120		Single	IPAK (TO-251)	N	100	20									0.27		16	4.4	7.7	7.7	42	2		
IRFR1N60A, IRFU1N60A, SiHFR1N60A, SiHFU1N60A		Single	DPAK (TO-252)	N	600	30									7		14	2.7	8.1	1.4	36	2		
IRFR1N60A, IRFU1N60A, SiHFR1N60A, SiHFU1N60A		Single	IPAK (TO-251)	N	600	30									7		14	2.7	8.1	1.4	36	2		
IRFR210, IRFU210, SiHFR210, SiHFU210		Single	DPAK (TO-252)	N	200	20									1.5		8.2	1.8	4.5	2.6	25	2		
IRFR210, IRFU210, SiHFR210, SiHFU210		Single	IPAK (TO-251)	N	200	20									1.5		8.2	1.8	4.5	2.6	25	2		
IRFR214, IRFU214, SiHFR214, SiHFU214		Single	DPAK (TO-252)	N	250	20									2		8.2	1.8	4.5	2.2	25	2		
IRFR214, IRFU214, SiHFR214,		Single	IPAK (TO-251)	N	250	20									2		8.2	1.8	4.5	2.2	25	2		













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHFU214																							
IRFR220, IRFU220, SiHFR220, SiHFU220		Single	DPAK (TO-252)	N	200	20									0.8	14	3	7.9	4.8	42	2		
IRFR220, IRFU220, SiHFR220, SiHFU220		Single	IPAK (TO-251)	N	200	20									0.8	14	3	7.9	4.8	42	2		
IRFR224, IRFU224, SiHFR224, SiHFU224		Single	DPAK (TO-252)	N	250	20									1.1	14	2.7	7.8	3.8	42	2		
IRFR224, IRFU224, SiHFR224, SiHFU224		Single	IPAK (TO-251)	N	250	20									1.1	14	2.7	7.8	3.8	42	2		
IRFR310, IRFU310, SiHFR310, SiHFU310		Single	DPAK (TO-252)	N	400	20									3.6	12	1.9	6.5	1.7	25	2		
IRFR310, IRFU310, SiHFR310, SiHFU310		Single	IPAK (TO-251)	N	400	20									3.6	12	1.9	6.5	1.7	25	2		
IRFR320, IRFU320, SiHFR320, SiHFU320		Single	DPAK (TO-252)	N	400	20									1.8	20	3.3	11	3.1	42	2		
IRFR320, IRFU320, SiHFR320, SiHFU320		Single	IPAK (TO-251)	N	400	20									1.8	20	3.3	11	3.1	42	2		
IRFR420, IRFU420, SiHFR420, SiHFU420		Single	DPAK (TO-252)	N	500	20									3	19	3.3	13	2.4	42	2		
IRFR420, IRFU420, SiHFR420, SiHFU420		Single	IPAK (TO-251)	N	500	20									3	19	3.3	13	2.4	42	2		












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFR420A, IRFU420A, SiHFR420A, SiHFU420A		Single	DPAK (TO-252)	N	500	30									3		17	4.3	8.5	3.3	83	2	
IRFR420A, IRFU420A, SiHFR420A, SiHFU420A		Single	IPAK (TO-251)	N	500	30									3		17	4.3	8.5	3.3	83	2	
IRFR430A, IRFU430A, SiHFR430A, SiHFU430A		Single	DPAK (TO-252)	N	500	30									1.7		24	6.5	13	5	110	2	
IRFR430A, IRFU430A, SiHFR430A, SiHFU430A		Single	IPAK (TO-251)	N	500	30									1.7		24	6.5	13	5	110	2	
IRFR9010, IRFU9010, SiHFR9010, SiHFU9010		Single	DPAK (TO-252)	P	-50	20									0.5		6.1	2	3.9	-5.3	25	-2	
IRFR9010, IRFU9010, SiHFR9010, SiHFU9010		Single	IPAK (TO-251)	P	-50	20									0.5		6.1	2	3.9	-5.3	25	-2	
IRFR9014, IRFU9014, SiHFR9014, SiHFU9014		Single	DPAK (TO-252)	P	-60	20									0.5		12	3.8	5.1	-5.1	25	-2	
IRFR9014, IRFU9014, SiHFR9014, SiHFU9014		Single	IPAK (TO-251)	P	-60	20									0.5		12	3.8	5.1	-5.1	25	-2	












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFR9020, IRFU9020, SiHFR9020, SiHFU9020		Single	DPAK (TO-252)	P	-50	20									0.28		9.4	4.3	4.3	-9.9	42	-2	
IRFR9020, IRFU9020, SiHFR9020, SiHFU9020		Single	IPAK (TO-251)	P	-50	20									0.28		9.4	4.3	4.3	-9.9	42	-2	
IRFR9024, IRFU9024, SiHFR9024, SiHFU9024		Single	DPAK (TO-252)	P	-60	20									0.28		19	5.4	11	-8.8	42	-2	
IRFR9024, IRFU9024, SiHFR9024, SiHFU9024		Single	IPAK (TO-251)	P	-60	20									0.28		19	5.4	11	-8.8	42	-2	
IRFR9110, IRFU9110, SiHFR9110, SiHFU9110		Single	DPAK (TO-252)	P	-100	20									1.2		8.7	2.2	4.1	-3.1	25	-2	
IRFR9110, IRFU9110, SiHFR9110, SiHFU9110		Single	IPAK (TO-251)	P	-100	20									1.2		8.7	2.2	4.1	-3.1	25	-2	
IRFR9120, IRFU9120, SiHFR9120, SiHFU9120		Single	DPAK (TO-252)	P	-100	20									0.6		18	3	9	-5.6	42	-2	
IRFR9120, IRFU9120, SiHFR9120, SiHFU9120		Single	IPAK (TO-251)	P	-100	20									0.6		18	3	9	-5.6	42	-2	













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFR9210, IRFU9210, SiHFR9210, SiHFU9210		Single	DPAK (TO-252)	P	-200	20									3		8.9	2.1	3.9	-1.9	25	-2	
IRFR9210, IRFU9210, SiHFR9210, SiHFU9210		Single	IPAK (TO-251)	P	-200	20									3		8.9	2.1	3.9	-1.9	25	-2	
IRFR9214, IRFU9214, SiHFR9214, SiHFU9214		Single	DPAK (TO-252)	P	-250	20									3		14	3.1	6.8	-2.7	50	-2	
IRFR9214, IRFU9214, SiHFR9214, SiHFU9214		Single	IPAK (TO-251)	P	-250	20									3		14	3.1	6.8	-2.7	50	-2	
IRFR9220, IRFU9220, SiHFR9220, SiHFU9220		Single	DPAK (TO-252)	P	-200	20									1.5		20	3.3	11	-3.6	42	-2	
IRFR9220, IRFU9220, SiHFR9220, SiHFU9220		Single	IPAK (TO-251)	P	-200	20									1.5		20	3.3	11	-3.6	42	-2	
IRFR9310, IRFU9310, SiHFR9310, SiHFU9310		Single	DPAK (TO-252)	P	-400	20									7		13	3.2	5	-1.8	50	-2	
IRFR9310, IRFU9310, SiHFR9310, SiHFU9310		Single	IPAK (TO-251)	P	-400	20									7		13	3.2	5	-1.8	50	-2	
IRFRC20, IRFUC20, SiHFR20, SiHFUC20		Single	DPAK (TO-252)	N	600	20									4.4		18	3	8.9	2	42	2	












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFRC20, IRFUC20, SiHFC20, SiHFUC20		Single	IPAK (TO-251)	N	600	20									4.4		18	3	8.9	2	42	2	
IRFS11N50A, SiHFS11N50A		Single	D2PAK (TO-263)	N	500	30									0.52		52	13	18	11	170	2	
IRFS9N60A, SiHFS9N60A		Single	D2PAK (TO-263)	N	600	30									0.75		49	13	20	9.2	170	2	
IRFSL11N50A, SiHFSL11N50A		Single	I2PAK (TO-262)	N	500	30									0.55		51	12	23	11	190	2	
IRFSL9N60A, SiHFSL9N60A		Single	I2PAK (TO-262)	N	600	30									0.75		49	13	20	9.2	170	2	
IRFU110, SiHFU110		Single	IPAK (TO-251)	N	100	20									0.54		8.3	2.3	3.8	4.3	25	2	
IRFZ10		Single	TO-220AB	N	60	20									0.2		11	3.1	5.8	10	43	2	
IRFZ14		Single	TO-220AB	N	60	20									0.2		11	3.1	5.8	10	43	2	
IRFZ14S, SiHFZ14S, SiHFZ14L		Single	D2PAK (TO-263)	N	60	20									0.2		11	3.1	5.8	10	43	2	
IRFZ14S, SiHFZ14S, SiHFZ14L		Single	I2PAK (TO-262)	N	60	20									0.2		11	3.1	5.8	10	43	2	
IRFZ20		Single	TO-220AB	N	50	20									0.1		12	9	3	15	40	2	














Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFZ24		Single	TO-220AB	N	60	20									0.1		25	5.8	11	17	60	2	
IRFZ24S, SiHFZ24S		Single	D2PAK (TO-263)	N	60	20									0.1		25	5.8	11	17	60	2	
IRFZ34		Single	TO-220AB	N	60	20									0.05		46	11	22	30	88	2	
IRFZ34S, IRFZ34L, SiHFZ34S, SiHFZ34L		Single	I2PAK (TO-262)	N	60	20									0.05		46	11	22	30	88	2	
IRFZ34S, IRFZ34L, SiHFZ34S, SiHFZ34L		Single	D2PAK (TO-263)	N	60	20									0.05		46	11	22	30	88	2	
IRFZ40		Single	TO-220AB	N	60	20									0.028		67	18	25	50	150	2	
IRFZ44		Single	TO-220AB	N	60	20									0.028		67	18	25	50	150	2	
IRFZ44R		Single	TO-220AB	N	60	20									0.028		67	18	25	50	150	2	
IRFZ44S, IRFZ44L, SiHFZ44S, SiHFZ44L		Single	D2PAK (TO-263)	N	60	20									0.028		67	18	25	50	3.7	2	
IRFZ44S, IRFZ44L, SiHFZ44S, SiHFZ44L		Single	I2PAK (TO-262)	N	60	20									0.028		67	18	25	50	3.7	2	
IRFZ48		Single	TO-220AB	N	60	20									0.018		110	29	36	50	190	2	
IRFZ48R		Single	TO-220AB	N	60	20									0.018		110	29	36	50	190	2	













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRFZ48RS, SiHFZ48RS		Single	D2PAK (TO-263)	N	60	20									0.018		110	29	36	50	190	2	
IRFZ48S, SiHFZ48S, SiHFZ48L		Single	D2PAK (TO-263)	N	60	20									0.018		110	29	36	50	190	2	
IRFZ48S, SiHFZ48S, SiHFZ48L		Single	I2PAK (TO-262)	N	60	20									0.018		110	29	36	50	190	2	
IRL510		Single	TO-220AB	N	100	10												2.6	3.3	5.6	43	1	
IRL510S, SiHL510S		Single	D2PAK (TO-263)	N	100	10												2.6	3.3	5.6	43	1	
IRL520		Single	TO-220AB	N	100	10												3	7.1	9.2	60	1	
IRL520L, SiHL520L		Single	I2PAK (TO-262)	N	100	10												3	7.1	9.2	60	1	
IRL530		Single	TO-220AB	N	100	10												3.8	14	15	88	1	
IRL530S, SiHL530S		Single	D2PAK (TO-263)	N	100	10												3.8	14	15	88	1	
IRL540		Single	TO-220AB	N	100	10												9.4	27	28	150	1	
IRL540S, SiHL540S		Single	D2PAK (TO-263)	N	100	10												9.4	27	28	150	1	













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)	
IRL620		Single	TO-220AB	N	200	10												2.7	9.6	5.2	50	1		
IRL620S, SiHL620S		Single	D2PAK (TO-263)	N	200	10									0.8			2.9	9.6	5.2	50	1		
IRL630		Single	TO-220AB	N	200	10											40	5.5	24	9	74	1		
IRL630S, SiHL630S		Single	D2PAK (TO-263)	N	200	10											40	5.5	24	9	74	1		
IRL640		Single	TO-220AB	N	200	10												9	38	17	125	1		
IRL640S, SiHL640S		Single	D2PAK (TO-263)	N	200	10												9	38	17	125	1		
IRLD014		Single	HVMDIP	N	60	10												2.6	6.4	1.7	1.3	1		
IRLD024																								
IRLD110																								
IRLD120		Single	HVMDIP	N	100	10												3	7.1	1.3	1.3	1		
IRLI520G		Single	TO-220 FULLPAK	N	100	10												3	7.1	7.2	37	1		

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRLI530G		Single	TO-220 FULLPAK	N	100	10												3.8	14	9.7	42	1	
IRLI540G		Single	TO-220 FULLPAK	N	100	10												9.4	27	17	48	1	
IRLI630G		Single	TO-220 FULLPAK	N	200	10											40	5.5	24	6.2	35	1	
IRLI640G		Single	TO-220 FULLPAK	N	200	10											66	9	38	9.9	40	1	
IRLIZ14G		Single	TO-220 FULLPAK	N	60	10												3.5	6	8	27	1	
IRLIZ24G		Single	TO-220 FULLPAK	N	60	10												4.5	12	14	37	1	
IRLIZ34G		Single	TO-220 FULLPAK	N	60	10												7.1	25	20	42	1	
IRLIZ44G		Single	TO-220 FULLPAK	N	60	10												12	43	30	48	1	
IRLL014, SiHLL014		Single	SOT-223	N	60	10												3.5	6	2.7	3.1	1	
IRLL110, SiHLL110		Single	SOT-223	N	100	10												2.6	3.3	1.5	3.1	1	
IRLR014, IRLU014, SiHLR014, SiHLU014		Single	DPAK (TO-252)	N	60	10												3.5	6	7.7	25	1	
IRLR014, IRLU014, SiHLR014, SiHLU014		Single	IPAK (TO-251)	N	60	10												3.5	6	7.7	25	1	














Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRLR024, IRLU024, SiHLR024, SiHLU024		Single	DPAK (TO-252)	N	60	10												4.5	12	14	42	1	
IRLR024, IRLU024, SiHLR024, SiHLU024		Single	IPAK (TO-251)	N	60	10												4.5	12	14	42	1	
IRLR110, IRLU110, SiHLR110, SiHLU110		Single	DPAK (TO-252)	N	100	10												2	3.3	4.3	25	1	
IRLR110, IRLU110, SiHLR110, SiHLU110		Single	IPAK (TO-251)	N	100	10												2	3.3	4.3	25	1	
IRLR120, IRLU120, SiHLR120, SiHLU120		Single	DPAK (TO-252)	N	100	10												3	7.1	7.7	42	1	1.3
IRLR120, IRLU120, SiHLR120, SiHLU120		Single	IPAK (TO-251)	N	100	10												3	7.1	7.7	42	1	1.3
IRLZ14		Single	TO-220AB	N	60	10												3.5	6	10	43	1	
IRLZ14S, SiHLZ14S		Single	D2PAK (TO-263)	N	60	10												3.5	6	10	43	1	
IRLZ24		Single	TO-220AB	N	60	10												4.5	12	17	60	1	
IRLZ24S, IRLZ24L, SiHLZ24S, SiHLZ24L		Single	D2PAK (TO-263)	N	60	10												4.5	12	17	60	1	
IRLZ24S, IRLZ24L, SiHLZ24S, SiHLZ24L		Single	I2PAK (TO-262)	N	60	10												4.5	12	17	60	1	















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
IRLZ34		Single	TO-220AB	N	60	10												7.1	25	30	88	1	
IRLZ34S, SiHLZ34S		Single	D2PAK (TO-263)	N	60	10												7.1	25	30	88	1	
IRLZ44		Single	TO-220AB	N	60	10												12	43	50	150	1	
IRLZ44S, SiHLZ44S		Single	D2PAK (TO-263)	N	60	10												12	43	50	150	1	
Si1012CR		Single	SC75A	N	20	8	1.1	0.546	0.456		0.396					0.75		0.15	0.13	0.63	0.24	0.4	12.2
Si1013CX		Single	SC89-3	P	-20	8		1.5	1.04		0.76					1.65		0.2	0.26	0.45	0.19	0.4	12
Si1016CX		N&P PAIR	SC89-6	N	20	8	0.76	0.546	0.456		0.396					1.3		0.15	0.13	0.6	0.22	0.4	12.2
Si1016CX		N&P PAIR	SC89-6	P	-20	8	2.4	1.44	1.038		0.756					1.65		0.2	0.26	0.6	0.22	0.4	12
Si1034CX		DUAL	SC89-6	N	20	8	0.76	0.546	0.456		0.396					0.75		0.15	0.13	0.61	0.22	0.4	12.2
Si1036X		DUAL	SC89-6	N	30	8	1.1	0.7	0.6		0.54					0.72		0.1	0.16	0.61	0.22	0.4	12.2
Si1062X		Single	SC-89	N	20	8	0.762	0.597	0.492		0.42					1		0.16	0.13	0.53	0.22	0.4	12.2
Si1077X		Single	SC89-6	P	-20	8	0.188	0.13	0.098		0.078					12.1		1.85	2.21	1.75	0.33	0.4	18
Si1078X		Single	SC89-6	N	30	12				0.195		0.154			0.142	1.5	3	0.2	0.42	1.02	0.24	0.6	5.2














Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si1079X		Single	SC89-6	P	-30	12				0.14		0.1				8.1	17	1.2	2.2	1.44	0.33	0.6	18
Si1308EDL		Single	SC70-3	N	30	12				0.185		0.144			0.132	1.4	2.7	0.3	0.5	1.4	0.5	0.6	7
Si1330EDL		Single	SC70-3	N	60	20					8	3			2.5	0.4		0.11	0.15	0.25	0.31	1	173
Si1403BDL		Single	SC-70	P	-20	12				0.265		0.15				2.9		0.65	1	-1.4	0.568	-0.6	9
Si1411DH		Single	SC-70	P	-150	20								2.7	2.6		4.2	0.9	1.3	-0.42	1	-2.5	8.5
Si1416EDH		Single	SC-70	N	30	12				0.077		0.064			0.058	3.5	7.5	1.8	0.7	3.9	2.8	0.6	3.3
Si1424EDH		Single	SC-70	N	20	8	0.070	0.045	0.038			0.033				6		0.8	1.6	4	2.8	0.4	2300
Si1442DH		Single	SC-70	N	12	8			0.03	0.024		0.02				13.1		2	2.7	4	2.8	0.4	1.6
Si1443EDH		Single	SC-70	P	-30	12				0.085		0.062			0.054	8.6	18.5	1.7	2.5	-4	2.8	-0.6	450
Si1480DH		Single	SC70-6	N	100	20						0.32			0.2	1.8	3.3	0.7	1	2.6	2.8	1.6	6.5
Si1553CDL		N- and p-pair	SC-70	N	20					0.578		0.39				0.55	1.2	0.15	0.15	0.7	0.34	0.6	7.2
Si1553CDL		N- and p-pair	SC-70	P	-20					1.48		0.85				0.55	1.9	0.25	0.25	-0.5	0.34	-0.6	10.3










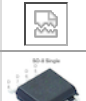


Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si1865DDL		Level-shift	SC-70	P	12	8			0.508	0.3		0.2								1.1	0.357		
Si1869DH		Level-shift	SC-70	P	-20	8			0.303	0.222		0.165								1.2	1		
Si1902CDL		Dual	SC-70	N	20	12				0.306		0.235				0.9	2	0.2	0.2	1.1	0.42	0.6	12
Si1926DL		DUAL	SC70-6	N	60	20						3			1.4	0.5	0.9	0.2	0.15	0.37	0.51	1	160
Si1965DH			SC70-6	P	-12	8			0.71	0.535		0.39				1.7		0.3	0.4	-1.3	1.25	-0.4	7.5
Si1967DH		DUAL	SC70-6	P	-20	8			0.79	0.64		0.49				1.6		0.36	0.33	1.3	1.25	0.4	7.5
Si2300DS		Single	SOT-23	N	30	12				0.085		0.068				3	6.5	0.8	0.5	3.6	1.7	0.6	3.2
Si2302CDS		Single	SOT-23	N	20	8				0.075		0.057				3.5		0.6	0.45	2.6	0.71	0.4	4
Si2303CDS		Single	SOT-23 (TO-236)	P	-30	20						0.33			0.19		4	0.6	1		2.3	-1	8.5
Si2304DDS		Single	SOT-23	N	30	20						0.075			0.06	2.1	4.5	0.85	0.65	3.6	1.7	1.2	4.4
Si2306BDS		Single	SOT-23 (TO-236)	N	30	20						0.065			0.047			1.6	0.6	4	1.25	1	5
Si2307CDS		Single	SOT-23	P	-30	20						0.138			0.088	4.1		1.3	1.8	-3.5	1.8	-1	10















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si2308CDS		Single	SOT-23	N	60	20						0.2			0.144	1.05	2	0.62	0.17	2.6	1.6	1	1.5
Si2309CDS		Single	SOT-23	P	-60	20						0.45			0.345	2.7		0.8	1.2	1.6	1.7	1	7
Si2312CDS		Single	SOT-23	N	20	8			0.0414	0.0356		0.0318				8.8		1.1	0.7	6	2.1	0.45	2.4
Si2318CDS		Single	SOT-23	N	40	20						0.051			0.042	2.9	5.8	1.1	0.9	5.6	2.1	1.2	3.3
Si2319DDS		Single	SOT-23	P	-40	20						0.1			0.075	6	12.5	1.8	2	-3.6		-1	10
Si2323CDS		Single	SOT-23	P	-20	8			0.063	0.05		0.039				16		2.5	3.2	6	2.5	0.4	4.1
Si2323DDS		Single	SOT-23	P	-20	8			0.075	0.05		0.039				13.6		2	2.2	5.3	1.7	0.4	10
Si2324DS		Single	SOT-23	N	100	20						0.278	0.267		0.234	2.9	5.2	0.75	1.4	2.3	2.5	1.2	1.4
Si2325DS		Single	SOT-23	P	-150	20							1.3		1.2		7.7	1.5	2.5	0.69	1.25	2.5	9
Si2333CDS		Single	SOT-23 (TO-236)	P	-12	8			0.059	0.045		0.035				15		1.9	3.8	-7.1	2.5	-0.4	4
Si2333DDS		Single	SOT-23	P	-12	8		0.15	0.063	0.04		0.028				14		2.3	3.6	6	1.7	0.4	9.5
Si2336DS		Single	SOT-23	N	30	8			0.052	0.046		0.042				5.7		0.85	0.75	5.2	1.8	0.4	3
Si2337DS		Single	SOT-23	P	-80	20							0.303		0.27		11	2.1	3.2	-2.2	2.5	-2	4.8
Si2342DS		Single	SOT-23	N	8	5	0.075	0.030	0.022	0.02		0.017				10.5		1.6	1	6	2.5	0.35	12
Si2343CDS		Single	SOT-23	P	-30	20						0.075			0.045	7	13.6	2.3	3.2	5.9	2.5	1.2	5
Si2343DDS		Single	SOT-23	P	-30	-20						0.063			0.039	4	6.7	1.7	1.7	-5.3	1.7	-1	21.5















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si2347DS		Single	SOT-23	P	-30	20						0.068	0.054		0.042	6.9	14.5	2.3	2.1	-5	1.7	-1	8.3
Si2356DS		Single	SOT-23	N	40	12				0.07		0.054			0.051	3.8	8.1	0.72	0.81	4.3	1.7	0.6	0.7
Si2365EDS		Single	SOT-23	P	-20	8			0.0675	0.041		0.032				13.8		1.9	3	-5.9	1.7	-0.4	11
Si2367DS		Single	SOT-23	P	-20	8			0.13	0.086		0.066				9		1	2.5	-3.8	1.7	-0.4	10
Si2369BDS		Single	SOT-23	P	-30	-20						0.039			0.027	6.2	12.9	2.7	2	-7.5	2.5	-1	18.3
Si2369DS		Single	SOT-23	P	-30	20						0.04	0.034		0.029	11.4	24	3.4	3.8	-7.6	2.5	-1.2	7.7
Si2371EDS		Single	SOT-23	P	-30	12				0.08		0.053			0.045	10.6	22.8	1.7	2.6	4.8	1.7	0.6	11
Si2374DS		Single	SOT-23	N	20	8			0.041	0.034		0.03				7.7	13.4	1	1	5.9	1.7	0.4	0.6
Si2387DS		Single	SOT-23	P	-80	20						0.242			0.164	3.2	6.8	1.8	0.85	-3	2.5	-1.5	5.5
Si2392ADS		Single	SOT-23	N	100	20						0.189	0.144		0.126	2.9	5.2	1	1.4	3.1	2.5	1.2	4.3
Si2393DS		Single	SOT-23	P	-30	-20						0.033			0.0227	8.2	16.8	3.6	2.8	-7.5	2.5	-1	18.3
Si3127DV		Single	TSOP-6	P	-60	20						0.115			0.089	10.1	20	3.3	3.9	5.1	4.2	1	9
Si3129DV		Single	TSOP-6	P	-80	20						0.1242			0.0827	5.6	12	3.1	1.4	-5.4	4.2	-1.5	4.4
















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si3407DV		Single	TSOP-6	P	-20	12				0.0372		0.024				21	42	6	5	8	4.2	0.65	6.5
Si3410DV		Single	TSOP-6	N	30	20						0.023			0.0195	9.2	21.8	3.8	2.5	8	4.1	1	2.4
Si3417DV		Single	TSOP-6	P	-30	20						0.036			0.0252	51	32	4	7.5	8	4.2	1	5.8
Si3421DV		Single	TSOP-6	P	-30	20						0.027	0.0232		0.0192	21	46	7	6.1	8	4.2	1	8
Si3429EDV		Single	TSOP-6	P	-20	8			0.038	0.024		0.021				43.2		6.3	4.3	8	4.2	0.4	9.4
Si3430DV		Single	TSOP-6	N	100	20							0.185		0.17		5.5	1.5	1.4	1.8	1.14	2	0
Si3433CDV		Single	TSOP-6	P	-20	8			0.06	0.046		0.038				18		2.1	4.8	-6	3.3	-0.4	6
Si3437DV		Single	TSOP-6	P	-150	20							0.79		0.75	8	12.2	2.1	3.9	1.4	3.2	2	8.5
Si3438DV		Single	TSOP-6	N	40	20												1.9	1.7	7.4	3.5	1.4	2.2
Si3440ADV		Single	TSOP-6	N	150	20								0.432	0.38	1.65	2	0.5	0.7	2.2	3.6	2	3.5
Si3443CDV		Single	TSOP-6	P	-20	12				0.1		0.06				7.53		1.53	2.37	5.97	3.2	0.6	8.5
Si3443DDV		Single	TSOP-6	P	-20	12				0.09		0.047				9	20	1.9	1.7	4	2.7	0.6	12.3
Si3456DDV		Single	TSOP-6	N	30	20						0.05			0.04	2.8	6	1.1	0.8	6.3	2.7	1.2	2.8
Si3457CDV		Single	TSOP-6	P	-30	20						0.113			0.074	5.1	10	1.8	2.5	-5.1	3	-1	7

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si3459BDV		Single	TSOP-6	P	-60	20						0.288			0.216	4.4	7.7	1.3	2.5	-2.9	3.3	-1	10
Si3460DDV		Single	TSOP-6	N	20	8			0.038	0.032		0.028						0.95	0.5		2.7	0.4	2.1
Si3464DV		Single	TSOP-6	N	20	8			0.03	0.028		0.024				11		1.8	1.1	8	3.6	0.45	2.2
Si3473CDV		Single	TSOP-6	P	-12	8			0.036	0.028		0.022				26		3.3	7.5	-8	4.2	-0.4	4.8
Si3473DDV		Single	TSOP-6	P	-12	8			0.0388	0.0247		0.0178				22.8		1.9	5.7	-8	3.6	-0.4	4.1
Si3474DV		Single	TSOP-6	N	100	20						0.189	0.147		0.126	3.9	5.2	1	1.4	3.8	3.6	1.2	4.3
Si3476DV		Single	TSOP-6	N	80	20						0.126	0.108		0.093	2.6	4.9	0.8	1.3	4.6	3.6	1.2	4.2
Si3483DDV		Single	TSOP-6	P	-30	-20						0.0513			0.0312	4.5	9.5	2.6	1.3	-8	3	-1	20
Si3493DDV		Single	TSOP-6	P	-20	8			0.0511	0.0321		0.024				19.8		2.6	3	-8	3.6	-0.4	10.6
Si3552DV		N- and p-pair	TSOP-6	N	30	20						0.175			0.105			0.7	0.7	2.5	1.15	1	0
Si3552DV		N- and p-pair	TSOP-6	P	-30	20						0.36			0.2			0.9	0.8	-1.8	1.15	-1	0
Si3585CDV		N&P PAIR	TSOP-6	P	-20	12				0.316		0.195				2.9		0.6	0.9	2.1	1.3	0.6	6.2
Si3585CDV		N&P PAIR	TSOP-6	N	20	12				0.078		0.058				1.6	3.2	0.3	0.4	3.9	1.4	0.6	4.8

Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si3590DV		N- and p-pair	TSOP-6	N	30	12				0.12		0.077				3		0.6	1	3	1.15	0.6	
Si3590DV		N- and p-pair	TSOP-6	P	-30	12				0.3		0.17				3		0.6	1.5	-2	1.15	-0.6	
Si3865DDV		Level-shift	TSOP-6	P	12	8		0.165	0.106	0.077		0.054								2.8	0.83		
Si3932DV		Dual	TSOP-6	N	30	20						0.073			0.058	1.8	3.7	0.74	0.42	3.7	1.4	1.2	5
Si3993CDV		Dual	TSOP-6	P	-30	20						0.188			0.111	2.7	5.2	0.94	1.3	-2.9	1.4	-1.2	7
Si4038DY		Single	SO-8	N	40	20						0.0032			0.0024	28	58	9.1	6.8	42.5	7.8	1	1.15
Si4056ADY		Single	SO-8	N	100	20						0.033			0.0292	8.8	19.2	4.3	2.1	8.3	5	1	0.87
Si4058DY		Single	SO-8	N	100	20						0.033			0.026	5.8	12	2.1	2.2	10.3	5.6	1.2	2.2
Si4062DY		Single	SO-8	N	60	20						0.0069	0.0054		0.0042	18.8	40	8.9	3.8	32.1	7.8	1.4	2
Si4090BDY		Single	SO-8	N	100	20							0.0113	0.0106	0.01		46.5	17	5	18.7	7.4	2	0.6
Si4100DY		Single	SO-8	N	100	20							0.084		0.063	9	13.5	3	4.6	6.8	6	2	1
Si4101DY		Single	SO-8	P	-30	20						0.008			0.006	65	135	22.5	17.6	25.7	6	1	2
Si4103DY		Single	SO-8	P	-30	20						0.0108			0.0079	44	92	12.1	14.8	-16	5.2	-1	3.8
Si4114DY		Single	SO-8	N	20	16						0.007			0.006	27.5	62	8	6	20	5.7	1	0.7

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si4116DY		Single	SO-8	N	25	12				0.0115		0.0095			0.0086	17.5	37	3.7	3.3	18	5	0.6	1.6
Si4122DY		Single	SO-8	N	40	25						0.006			0.0045	29	62	12	9	27.2	6	1.2	1
Si4126DY		Single	SO-8	N	30	20						0.0034			0.00275	30	70	10.2	7.4	39	7.8	1	1.4
Si4134DY		Single	SO-8	N	30	20						0.0175			0.014	7.3	15.4	2.3	2.2	14	5	1.2	0.8
Si4143DY		Single	SO-8	P	-30	25						0.0092	0.0074		0.0062	54	111	19.5	15.5	25.3	9	1	2.3
Si4151DY		Single	SO-8	P	-30	25						0.013			0.0075	28	58	10.7	9.9	-20.5	5.6	-1	2.2
Si4153DY		Single	SO-8	P	-30	25						0.015			0.0095	31	62	9.2	10.8	-19.3	5.6	-1	1.9
Si4155DY		Single	SO-8	P	-30	25						0.026			0.015	16	33	5.6	5.5	-13.6	4.5	-1.2	3.2
Si4156DY		Single	SO-8	N	30	20						0.008			0.006	12	28	5.4	4.6	24	6	1.15	1.2
Si4160DY		Single	SO-8	N	30	20						0.0063			0.0049	16.8	36	5.1	5.2	25.4	5.7	1	0.85
Si4164DY		Single	SO-8	N	30	20						0.0039			0.0032	26.5	62	8.5	7.3	30	6	1.2	1.1
Si4178DY		Single	SO-8	N	30	25						0.033			0.021	3.7	7.5	1.6	1.3	12	5	1.4	2.6
Si4186DY		Single	SO-8	N	20	20						0.0032			0.0026	28.7	60	8.9	7.4	35.8	6	1.2	1.2
Si4190ADY		Single	SO-8	N	100	20						0.012		0.0094	0.0088	20.7	44.4	6.1	9.1	18.4	6	1.5	1.1

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si4202DY		Dual	SO-8	N	30	20						0.017			0.014		11.2	1.6	1.6		3.7	1	2.5
Si4214DDY		Dual	SO-8	N	30	20						0.023			0.0195		14.5	1.9	2.7		3.1	1.2	2.6
Si4288DY		Dual	SO-8	N	40	20						0.023			0.02		10	1.5	1.5		3.1	1.2	2.7
Si4401FDY		Single	SO-8	P	-40	20						0.0183			0.0142	31	66	9.8	10	-14	5	-1	1.6
Si4403DDY		Single	SO-8	P	-20	8			0.03	0.02		0.014				39		3.7	7.9	-15.4	5	-0.4	3.7
Si4425FDY		Single	SO-8	P	-30	-20						0.016			0.0095	13	27	5.4	4.3	-18.3	4.8	-1	10
Si4434ADY		Single	SO-8	N	250	20								0.17	0.15		10.9	2.7	2.9	4.1	6	2	2.3
Si4435FDY		Single	SO-8	P	-30	20						0.03			0.019	13.5	28	4.4	4.3	-12.6	4.8	-1	3.3
Si4455DY		Single	SO-8	P	-150	20							0.315		0.295	23.2	27.5	5.4	8.4	2.8	5.9	2	6.1
Si4459BDY		Single	SO-8	P	-30	16						0.0082			0.0049	27	56	9.4	8.2	-27.8		-1	3.5
Si4477DY		Single	SO-8	P	-20	12				0.0105		0.0062				59	125	10	19	26.6	6.6	0.6	1.3
Si4488DY		Single	SO-8	N	150	20									0.05		30	8.5	8.5		3.1	2	0.85
Si4491EDY		Single	SO-8	P	-30	25						0.0112	0.0082		0.0065		102	16	28	-25.8	6.9	-1.2	1.3
Si4497DY		Single	SO-8	P	-30	20						0.0046			0.0033	90	190	27.5	26.5	-36	7.8	-1	2.3

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si4590DY		N&P PAIR	SO-8	N	100	20						0.072			0.057	4	7.5	1.2	2	5.6	3.6	1.5	3.3
Si4590DY		N&P PAIR	SO-8	P	-100	20						0.205			0.183	11.6	24	3.8	5	3.4	4.2	1.5	13
Si4630DY		Single	SO-8	N	25	16						0.0032			0.0027	49	107.5	15.7	13.6	40	7.8	1	1.5
Si4634DY		Single	SO-8	N	30	20						0.0067			0.0052	21.5	45.5	8	6.2	24.5	5.7	1.4	0.75
Si4670DY		DUAL PLUS INTEGRATED SCHOTTKY	SO-8	N	25	16						0.028			0.023	5.5	12	2	1.5	8	2.8	1	3.2
Si4670DY		DUAL PLUS INTEGRATED SCHOTTKY	SO-8	N	25	16						0.028			0.023	5.5	12	2	1.5	8	2.8	1	2.5
Si4835DDY		Single	SO-8	P	-30	25						0.03			0.018	22	43	6	11	-13	5.6	-1	1.3
Si4840BDY		Single	SO-8	N	40	20						0.012			0.009	15	33	6.7	5.1	19	6	1	1.4
Si4848ADY		Single	SO-8	N	150	20							0.133		0.084		6.5	1.5	1.9	5.5	5	2	1.1
Si4850BDY		Single	SO-8	N	60	20						0.025			0.0195	5.2	11.1	2.2	1.1	11.3	4.5	1	0.6
Si4850EY		Single	SO-8	N	60	20						0.031			0.022	9.5	18	3.4	5.3	8.5	3.3	1	
Si4896DY		Single	SO-8	N	80	20							0.022		0.0165		34	7.5	11	9.5	3.1	2	
Si4925DDY		DUAL	SO-8	P	-30	20						0.041			0.029	15	32	4	7.5	8	5	1	5.8
Si4943CDY		Dual	SO-8	P								0.033			0.0192	20	41	7	9			-1	2.5
Si4946CDY		Dual	SO-8	N	60	20						0.0516			0.0409	2.4	5.1	1.1	0.5	6.1	2.8	1	1.3

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si4948BEY		DUAL	SO-8	P	-60	20						0.15			0.12		14.5	2.2	3.7	3.1	2.4	1	14
Si5403DC		Single	1206-8 ChipFET	P	-30	20						0.044			0.03	15	28	4.5	7.2	-6	6.3	-1	6
Si5418DU		Single	PowerPAK ChipFET	N	30	20						0.0185			0.0145	9.5	20	4.5	2.7	12	31	1.2	3.5
Si5424DC		Single	1206-8 ChipFET	N	30	25						0.03			0.024	11	21	3.2	4.2	6	9	1.1	2.2
Si5429DU		Single	PowerPAK ChipFET	P	-30	20						0.022			0.015	20	42	6.3	6.3	-12	31	-1	4.2
Si5442DU		Single	PowerPAK ChipFET	N	20	8			0.0135	0.0115		0.01				16.6		1.9	2	25	31	0.4	1.4
Si5446DU		Single	PowerPAK ChipFET	N	30	20						0.0085	0.007		0.0064	11.5	25.2	5.1	1.7	25	31	1	1
Si5448DU		Single	PowerPAK ChipFET	N	40	20						0.00947			0.00775	12.6	26.2	5.1	2.5	25	31	1	1.5
Si5458DU		Single	PowerPAK ChipFET	N	30	20						0.051			0.041	2.8	6	1.1	0.8	6	10.4	1.2	2.8
Si5459DU		Single	PowerPAK ChipFET	P	-20	12				0.082		0.052				8	17	2	3	8	10.9	0.6	6
Si5471DC		Single	1206-8 ChipFET	P	-20	12			0.062	0.028		0.02				30	64	6	7	-6	6.3	-0.6	5
Si5476DU		Single	PowerPAK ChipFET	N	60	20						0.041			0.034	10.5	21	3.5	4.2	12	31	1	3.3
Si5504BDC		N&P PAIR	1206-8 ChipFET	P	-30	20						0.235			0.14	2.2	4.5	0.7	1	3.7	3.1	1.5	13
Si5504BDC		N&P PAIR	1206-8 ChipFET	N	30	20						0.1			0.065	2	4.5	0.7	0.7	4	3.12	1.5	3
Si5517DU		N- and p-pair	PowerPAK ChipFET	N	20	8			0.055	0.045		0.039				6		0.91	0.7	6	8.3	0.4	1.9
Si5517DU		N- and p-pair	PowerPAK ChipFET	P	-20	8			0.131	0.1		0.072				5.5		0.75	1.5	-6	8.3	-0.4	8
















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si5922DU		Dual	PowerPAK ChipFET	N	30	20						0.0245	0.022		0.0192	4.7	10	2.2	0.65	6	10.4	1.2	6.3
Si5936DU		Dual	PowerPAK ChipFET	N	30	20						0.04			0.03	3.5	7	1	1.3	6	10.4	1.2	4
Si5948DU		Dual	PowerPAK ChipFET	N	40	20						0.094			0.082	1.7	3.3	0.53	0.63	6	7	1	6.5
Si6423ADQ		Single	TSSOP-8	P	-20	8			0.0227	0.013		0.0098				63		8.7	25.3	-12.5	2.2	-0.4	3.6
Si6423DQ		Single	TSSOP-8	P	-12	8			0.014	0.0106		0.0085				74		9	19	9.5	1.5	0.4	
Si6562CDQ		N&P PAIR	TSSOP-8	P	-20	12				0.045		0.03				17	34	3	5.5	6.1	1.7	0.6	6
Si6562CDQ		N&P PAIR	TSSOP-8	N	20	12				0.036		0.022				6.7	15	1.8	0.9	6.7	1.6	0.6	2
Si6913DQ		DUAL	TSSOP-8	P	-12	8			0.037	0.028		0.021				18.5		2.7	5	5.8	1.14	0.4	4.6
Si6926ADQ		DUAL	TSSOP-8	N	20	8			0.043	0.035	0.033	0.03				7.5		1.2	1.2	4.5	1	0.4	1.9
Si6954ADQ		DUAL	TSSOP-8	N	30	20						0.075			0.053		8	1.4	1.2	3.4	1	1	
Si6968BEDQ		Common drain	TSSOP-8	N	20	12				0.03		0.022				12		2.2	3.6	5.2	1	0.6	
Si7101DN		Single	PowerPAK 1212-8	P	-30	25						0.013			0.0072	32	68	9	12.2	-35	52	-1.2	1.8
Si7106DN		Single	PowerPAK 1212-8	N	20	12				0.0098		0.0062				17.5		6.6	2.8	19.5	3.8	0.6	1.4
Si7111EDN		Single	PowerPAK 1212-8	P	-30	12				0.016		0.00855				56.5		9.6	13.6	60	52	-0.6	3
Si7113ADN		Single	PowerPAK 1212-8	P	-100	20						0.186			0.132	5.65	10.9	1.7	2.5	-10.8	27.8	-1.1	9.8
Si7113DN		Single	PowerPAK 1212-8	P	-100	20						0.145			0.134	16.5	35	4.7	8	13.2	52	1	5.3
Si7116BDN		Single	PowerPAK 1212-8PT	N	40	20						0.0096			0.0074	14.2	31.4	6.7	5.1	65	62.5	1.5	1.1













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si7117DN		Single	PowerPAK 1212-8	P	-150	20							1.3		1.2		7.7	1.5	2.5	-2.17	12.5	-2.5	9
Si7121ADN		Single	PowerPAK 1212-8	P	-30	25						0.026	0.02		0.015	16	33	5.6	5.5	18	27.8	1.2	3.2
Si7135DP		Single	PowerPAK SO-8	P	-30	20						0.0062			0.0039	78	167	27	35	-60	104	-1	1.7
Si7137DP		Single	PowerPAK SO-8	P	-20	12				0.0039		0.0025			0.00195	188	390	33.6	46	-60	104	-0.5	1.8
Si7139DP		Single	PowerPAK SO-8	P	-30	20						0.009			0.0055	49.5	97	11.7	22.6	40	48	1.2	1.6
Si7141DP		Single	PowerPAK SO-8	P	-20	20						0.003			0.0019	128	265	36	42	-60	104	-1	1.7
Si7143DP		Single	PowerPAK SO-8	P	-30	20						0.0186			0.01	24.6	47.5	7.7	12	-35	35.7	-1.2	1.5
Si7145DP		Single	PowerPAK SO-8	P	-30	20						0.00375			0.0026	129	275	37	40	-60	104	-1	1.6
Si7148DP		Single	PowerPAK SO-8	N	75	20						0.0145			0.011	33	68	9.5	16.8	28	96	1.5	1.1
Si7149ADP		Single	PowerPAK SO-8	P	-30	25						0.0095			0.0052	43.1	90	13.6	28.8	50	48	1.2	2.4
Si7153DN		Single	PowerPAK 1212-8	P	-30	25						0.015	0.012		0.0095	31	62	9.2	10.8	18	52	1	1.9
Si7155DP		Single	PowerPAK SO-8	P	-40	20						0.0046			0.0036	107	220	23.7	37.2	-100	104	-1	2
Si7157DP		Single	PowerPAK SO-8	P	-20	12				0.0032		0.002				202.5	415	32.5	51.5	-60	104	-0.5	1.5
Si7172ADP		Single	PowerPAK SO-8	N	200	20								0.08	0.07		19.5	5.3	5.2	17.2	52	2	1.6
Si7174DP		Single	PowerPAK SO-8	N	75	20									0.007		47.5	13.8	14.4	60	104	2.5	1.2
Si7190ADP		Single	PowerPAK SO-8	N	250	20								0.11	0.102		14.9	3.9	3.7	14.4	56.8	2	2.4













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si7223DN		Dual	PowerPAK 1212-8	P	-30	20						0.0372	0.0312		0.0264		26.3	4.3	4.7	-6	23	-1	8.6
Si7232DN		DUAL	PowerPAK 1212-8	N	20	8			0.024	0.02		0.0164				12		2	1.3	25	23	0.4	1.8
Si7234DP		Dual	PowerPAK SO-8	N	12	12				0.005		0.0034				37	80	7.4	7.2	60	46	0.6	2.5
Si7252ADP		Dual	PowerPAK SO-8	N	100	20								0.0225	0.0186		17.4	7.1	2.3	28.7	33.8	2	0.75
Si7288DP		Dual	PowerPAK SO-8	N	40	20						0.022			0.019	4.9	10	1.4	1.5	20	15.6	1.2	2.7
Si7315DN		Single	PowerPAK 1212-8	P	-150	30								0.35	0.315		19.5	4.8	5.3	-8.9	52	-2	5.4
Si7317DN		Single	PowerPAK 1212-8	P	-150	30							1.3		1.2		6.5	1.5	1.9	-2.8	19.8	-2.5	5.5
Si7322ADN		Single	PowerPAK 1212-8	N	100	20									0.057		8.4	1.7	2.6	15.1	26	2	2.8
Si7322DN		Single	PowerPAK 1212-8	N	100	20									0.058		13	3.7	3	18	52	2.5	1.3
Si7370DP		Single	PowerPAK SO-8	N	60	20							0.013		0.011		46	11.5	11.5	9.6	1.9	2	0.85
Si7390DP		Single	PowerPAK SO-8	N	30	20						0.0135			0.0095	10		3.5	2.1	9	1.8	0.8	0.8
Si7414DN		Single	PowerPAK 1212-8	N	60	20						0.036			0.025	8	16	2.7	4.4	8.7	3.8	1	1
Si7415DN		Single	PowerPAK 1212-8	P	-60	20						0.11			0.065		15	4	3.2	-5.7	3.8	-1	
Si7434ADP		Single	PowerPAK SO-8	N	250	20								0.17	0.15		10.9	2.7	2.9	12.3	54.3	2	2.3
Si7434DP		Single	PowerPAK SO-8	N	250	20							0.162		0.155		34	6.8	10.5	2.3	1.9	2	1.2
Si7439DP		Single	PowerPAK SO-8	P	-150	20							0.095		0.09		88	17.5	26.5	-3	1.9	-2	3















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si7448DP		Single	PowerPAK SO-8	N	20	12				0.009		0.0065				38		8	8.5	13.4	1.9	0.6	0.9
Si7450DP		Single	PowerPAK SO-8	N	200	20							0.09		0.08		34	7.5	12	19.8	1.9	2	0.85
Si7454FDP		Single	PowerPAK SO-8	N	100	20						0.034			0.0295	8	17.4	3.9	1.9	23.5	39	1	0.9
Si7456CDP		Single	PowerPAK SO-8	N	100	20						0.0315		0.0245	0.0235		15	2	3.7		35.7	1.2	5
Si7456DDP		Single	PowerPAK SO-8	N	100	20						0.031		0.024	0.023	9.7	19.6	2.8	4.3	27.8	35.7	1.5	0.85
Si7460DP		Single	PowerPAK SO-8	N	60	20						0.012			0.0096	32	65	10.5	16	18	5.4	1	
Si7461DP		Single	PowerPAK SO-8	P	-60	20						0.019			0.0145		121	20	32	14.4	5.4	1	3
Si7464DP		Single	PowerPAK SO-8	N	200	20							0.26		0.24		12	2.5	3.8	1.8	1.8	2	2.5
Si7465DP		Single	PowerPAK SO-8	P	-60	20						0.08			0.064		26	4.5	7	5	3.5	1	7
Si7469ADP		Single	PowerPAK SO-8	P	-80	20						0.027			0.0193	19.3	42.7	10.9	4.7	-46	73.5	-1.4	1.6
Si7478DP		Single	PowerPAK SO-8	N	60	20						0.0088			0.0075	45	105	22	19	20	5.4	1	1
Si7489DP		Single	PowerPAK SO-8	P	-100	20						0.047			0.041	54	106	14	26	28	83	1	4
Si7540ADP		N- and p-pair	PowerPAK SO-8	N	20	12				0.0195		0.015				8.5	18	1.8	2.2	8	1.6	0.6	3.2
Si7540ADP		N- and p-pair	PowerPAK SO-8	P	-20	12				0.043		0.028				16	32	2.3	6	-6.1	1.6	-0.6	1
Si7611DN		Single	PowerPAK 1212-8	P	-40	20						0.033			0.025	21	41	7	10	-18	39	-1	1.9
Si7613DN		Single	PowerPAK 1212-8	P	-20	16						0.014			0.0087	28.1	58	8.8	7.6	-35	52.1	-1	1.9

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si7615ADN		Single	PowerPAK 1212-8	P	-20	12				0.0098		0.006			0.0044	59	122	9.1	14.2	-35	52	-0.4	2.2
Si7615CDN		Single	PowerPAK 1212-8	P	-20	8			0.0203	0.0117		0.009				42		5.9	6.1	-35	33	-0.4	2.1
Si7619DN		Single	PowerPAK 1212-8	P	-30	20						0.034			0.021	15	32	4	7.5	-24	27.8	-1	5.8
Si7625DN		Single	PowerPAK 1212-8	P	-30	20						0.011			0.007	39.5	84.5	11	13.5	-35	52	-1	1.8
Si7634BDP		Single	PowerPAK SO-8	N	30	20						0.007			0.0054	21.5	45.5	8	6.2	40	48	1.4	0.8
Si7658ADP		Single	PowerPAK SO-8	N	30	20						0.0028			0.0022	34	74	12	10	60	83	1.2	0.8
Si7716ADN		Single	PowerPAK 1212-8	N	30	20						0.0165			0.0135	7.3	15.4	2.3	2.2	16	27.7	1.2	0.8
Si7738DP		Single	PowerPAK SO-8	N	150	20									0.038		35	8	9	30	96	2	1.6
Si7810DN		Single	PowerPAK 1212-8	N	100	20							0.084		0.062		13	3	4.6	5.4	3.8	2	
Si7818DN		Single	PowerPAK 1212-8	N	150	20							0.142		0.135		20	2.7	4.7	3.4	3.8	1	1.7
Si7848BDP		Single	PowerPAK SO-8	N	40	20						0.012			0.009	15	33	6.7	5.1	47	36	1	1.4
Si7852DP		Single	PowerPAK SO-8	N	80	20							0.022		0.0165		34	7.5	11	7.6	1.9	2	0.6
Si7898DP		Single	PowerPAK SO-8	N	150	20							0.095		0.085		17	3.2	6	3	1.9	2	0.85
Si7900AEDN		Common drain	PowerPAK 1212-8	N	20	12			0.036	0.03		0.026				10.5		1.9	1.8	6	1.5	0.4	
Si7922DN		DUAL	PowerPAK 1212-8	N	100	20							0.23		0.195		5.2	1.1	1.9	2.5	2.6	2.5	1.7
Si7923DN		DUAL	PowerPAK 1212-8	P	-30	20						0.075			0.047		14	2.4	3.8	6.4	2.8	1	8.5















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si7938DP		Dual	PowerPAK SO-8	N	40	20						0.007			0.0058	21	43	6.2	6.5	60	46	1	2.5
Si7942DP		DUAL	PowerPAK SO-8	N	100	20							0.06		0.049		16	3.8	5.5	5.9	3.5	2	2.2
Si7946ADP		Dual	PowerPAK SO-8	N	150	20							0.256	0.193	0.186		5.3	1.2	1.8	7.7	19.8	2.5	2.3
Si7949DP		DUAL	PowerPAK SO-8	P	-60	20						0.08			0.064		26	4.5	7	5	3.5	1	7
Si7956DP		DUAL	PowerPAK SO-8	N	150	20							0.115		0.105		17	3.9	5.5	4.1	3.5	2	2
Si7972DP		Dual	PowerPAK SO-8	N	60	20						0.021			0.018	7.1	15.2	4.4	1.3	8	22	1.2	0.6
Si7994DP		DUAL	PowerPAK SO-8	N	30	20						0.007			0.0056	24	52	10	7	60	46	1	2.3
Si7997DP		Dual	PowerPAK SO-8	P	-30	20						0.0078			0.0055	51	106	17	16.5	-60	46	-1	4.6
Si7998DP		DUAL N	PowerPAK SO-8	N	30	20						0.007			0.0053	15.3	32	6.3	4.7	30	40	1.2	3.5
Si7998DP		DUAL N	PowerPAK SO-8	N	30	20						0.0124			0.0093	8.2	17	3.2	2.7	25	22	1.2	3.5
Si8406DB		Single	MICRO FOOT 1.5 x 1	N	20	8			0.042	0.037		0.033				7.5		1.1	0.8	16	13	0.4	3.6
Si8409DB		Single	MICRO FOOT 1.6 x 1.6	P	-30	12				0.065		0.046				17		2.2	5.7	6.3	2.77	0.6	22
Si8410DB		Single	MICRO FOOT	N	20	8		0.068	0.047	0.041		0.037				5.9		0.7	0.66	5.7	1.8	0.4	5.3
Si8416DB		Single	MICRO FOOT 1.5 x 1	N	8	5	0.095	0.04	0.03	0.025		0.023				17		1.8	3.4	16	13	0.35	2.5
Si8424CDB		Single	MICRO FOOT 1.6 x	N	8	5	0.045	0.028	0.023	0.021		0.02				25		3.3	3.6	10	2.7	0.35	3.5

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
			1.6																				
Si8425DB		Single	MICRO FOOT 1.6 x 1.6	P	-20	10			0.04	0.027		0.023				36	73	5.2	7.3	9.3	2.7	0.4	15
Si8457DB		Single	MICRO FOOT 1.6 x 1.6	P	-12	8			0.035	0.0234		0.019				37		4.2	10	10.2	2.7	0.4	16
Si8466EDB		Single	MICRO FOOT	N	8	5	0.09	0.060		0.046		0.043				8.5		0.9	1.6	5.4	1.8	0.35	6
Si8472DB		Single	MICRO FOOT 1 x 1	N	20	8		0.07	0.056	0.05		0.044				6.8		0.8	1.1	4.5	1.8	0.4	5.3
Si8481DB		Single	MICRO FOOT	P	-20	8			0.039	0.025		0.021				31.2		2.7	6.3	-9.7	2.8	-0.4	17
Si8483DB		Single	MICRO FOOT 1.5 x 1	P	-12	10		0.092	0.055	0.035		0.026				21	43	2.1	4.8	16	13	0.4	2.2
Si8487DB		Single	MICRO FOOT 1.6 x 1.6	P	-30	12				0.045		0.035			0.031	25	52	4.1	5.7	7.7	2.7	0.6	15
Si8489EDB		Single	MICRO FOOT 1 x 1	P	-20	12				0.082		0.054			0.044	8.6	17.5	1.5	2.6	5.4	1.8	0.5	14
Si8497DB		Single	MICRO FOOT 1.5 x 1	P	-30	12				0.071		0.053				16.3	32.6	2.5	4.9	13	13	0.5	8
Si8499DB		Single	MICRO FOOT 1.5 x 1	P	-20	12			0.12	0.046		0.032				14.5		2	4.1	16	13	0.5	7
Si8800EDB		Single	MICRO FOOT 0.8 x 0.8	N	20	8		0.15	0.105	0.09		0.08				3.2		0.42	0.5	2.8	0.9	0.4	1000
Si8802DB		Single	MICRO FOOT 0.8 x 0.8	N	8	5	0.135	0.086	0.068	0.06		0.054				4.3		0.44	0.72	3.5	0.9	0.35	3.5

Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si8806DB		Single	MICRO FOOT 0.8 x 0.8	N	12	8			0.075	0.055		0.047				6.5		0.9	1.6	3.9	0.9	0.4	6
Si8808DB		Single	MICRO FOOT 0.8 x 0.8	N	30	8		0.165	0.12	0.105		0.095				3.7		0.53	0.52	2.5	0.9	0.4	3.1
Si8810EDB		Single	MICRO FOOT 0.8 x 0.8	N	20	8		0.125	0.092	0.079		0.072				3		0.35	0.45	2.9	0.9	0.4	5
Si8812DB		Single	MICRO FOOT 0.8 x 0.8	N	20	8			0.085	0.065		0.059				6.3		0.8	1.4	3.2	0.9	0.4	6
Si8816EDB		Single	MICRO FOOT 0.8 x 0.8	N	30	12				0.142		0.116		0.109		2.4	4.4	0.35	0.55	2.3	0.9	0.6	4
Si8817DB		Single	MICRO FOOT 0.8 x 0.8	P	-20	8		0.320	0.145	0.1		0.076				7.5		1	1.9	-2.9	0.9	-0.4	14
Si8819EDB		Single	MICRO FOOT	P	-12	8		0.280	0.19	0.1						7		0.9	1.9	-2.9	0.9	-0.4	15
Si8821EDB		Single	MICRO FOOT 0.8 x 0.8	P	-30	12				0.215		0.128				5.2	11	0.9	1.6	2.3	0.9	0.6	15
Si8823EDB		Single	MICRO FOOT	P	-20	8		0.335	0.185	0.12		0.095				6.6		1	1.5	-2.7	0.9	-0.4	20
Si8824EDB		Single	MICRO FOOT 0.8 x 0.8	N	20	5	0.175	0.125	0.09	0.082		0.075				2.7		0.46	0.93	2.9	0.9	0.35	3
Si8851EDB		Single	Power MICRO FOOT 2.4 x 2	P	-20	8			0.0185	0.011		0.008				70		8	14	16.7	3.1	0.45	2.3
Si8902AEDB		Common drain	MICRO FOOT	N	24	12			0.0185	0.0155		0.014								11	5.7	0.4	5300

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
Si9933CDY		Dual	SO-8	P	-20	12				0.094		0.058				8	17	2	3	-4	3.1	-0.6	6
Si9945BDY		Dual	SO-8	N	60	20						0.072			0.058	6	13	2.3	2.6	5.3	3.1	1	2
SiA106DJ		Single	PowerPAK SC-70	N	60	20								0.0225	0.0185		8.9	2.5	1.8	12	19	2	1.3
SiA108DJ		Single	PowerPAK SC-70	N	80	20								0.046	0.038		9.2	2.8	1.7	12	19	2	1.3
SiA110DJ		Single	PowerPAK SC-70	N	100	20								0.072	0.055		8.5	2.5	1.5	12	19	2	1.3
SiA400EDJ		Single	PowerPAK SC-70	N	30	12				0.025		0.019				11.6	24	2.9	2.2	12	19.2	0.6	3.3
SiA413ADJ		Single	PowerPAK SC-70	P	-12	8		0.100	0.044	0.034		0.029				23		3	6.5	-12	19	-0.4	7
SiA416DJ		Single	PowerPAK SC-70	N	100	20						0.13			0.083	3.5	6.5	1.2	1.9	11.3	19	1.6	1.8
SiA421DJ		Single	PowerPAK SC-70	P	-30	20						0.056			0.035	10	19	3	4.5	12	19	1.5	6.5
SiA4263DJ		Single	PowerPAK SC-70	P	-20	8			0.0511	0.03		0.022				19.8		2.6	3	-12	15.6	-0.4	10.6
SiA4265EDJ		Single	PowerPAK SC-70	P	-20	8			0.0675	0.041		0.032				13.8		1.9	3	-9	15.6	-0.4	11
SiA427ADJ		Single	PowerPAK SC-70	P	-8	5	0.095	0.0320	0.026	0.0215		0.016				30		3	6.6	-12	19	-0.35	9
SiA430DJT		Single	Thin PowerPAK SC-70	N	20	20						0.0185			0.0135	5.3	12	2	1.4	12	19.2	1	2.5
SiA431DJ		Single	PowerPAK SC-70	P	-20	8		0.070	0.041	0.031		0.025				24		2.4	6.5	-12	19	-0.4	6.3
SiA432DJ		Single	PowerPAK SC-70	N	30	20						0.024			0.02	5.6	13	2	1.4	12	19.2	1	3















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiA433EDJ		Single	PowerPAK SC-70	P	-20	12			0.065	0.026		0.018				20		3.3	8.4	-12	19	-0.5	1000
SiA4371EDJ		Single	PowerPAK SC-70	P	-30	12						0.053			0.045	10.6	22.8	1.7	2.6	-9	15.6	-0.6	11
SiA437DJ		Single	PowerPAK SC-70	P	-20	8		0.065	0.033	0.0205		0.0145				28		4.2	6.8	29.7	19	0.4	8
SiA440DJ		Single	PowerPAK SC-70	N	40	12				0.035		0.028			0.026	6.9	14.3	1.4	2	12	19	0.6	1
SiA441DJ		Single	PowerPAK SC-70	P	-40	20						0.065			0.047	11	22	2.9	5.2	-12	19	-1.2	7.2
SiA445EDJT		Single	Thin PowerPAK SC-70	P	-20	12				0.031		0.0167				22	46	3.7	5.9	12	19	0.5	6
SiA446DJ		Single	PowerPAK SC-70	N	150	20							0.25	0.185	0.177		5.3	1.2	1.8	7.7	19	2.5	2.3
SiA447DJ		Single	PowerPAK SC-70	P	-12	8		0.0710	0.0344	0.0194		0.0135				31		4.2	7.8	-12	19	-0.4	4.3
SiA449DJ		Single	PowerPAK SC-70	P	-30	12				0.038		0.024			0.02	23.1	48	2.5	6.2	12	19	0.6	3.3
SiA456DJ		Single	PowerPAK SC-70	N	200	16			3.5	1.5		1.38				5	9.5	0.7	1.7	2.6	19	0.6	2
SiA459EDJ		Single	PowerPAK SC-70	P	-20	12				0.062		0.035				10	20	1.6	2.9	9	15.6	0.6	11
SiA461DJ		Single	PowerPAK SC-70	P	-20	8			0.055	0.042		0.033				18		2.1	4.8	-12	17.9	-0.4	6
SiA462DJ		Single	PowerPAK SC-70	N	30	20						0.022	0.02		0.018	5	11	1.7	1.6	12	19	1.2	1
SiA466EDJ		Single	PowerPAK SC-70	N	20	20						0.013	0.0111		0.0095	6.3	13	1.6	2.1	25	19.2	1	0.9
SiA468DJ		Single	PowerPAK SC-70	N	30	20						0.0114			0.0084	8.2	17.6	3.1	1.3	37.8	19	1	1.4
SiA469DJ		Single	PowerPAK SC-70	P	-30	20						0.04			0.0265	10	21	2.3	3.6	-12	15.6	-1	9












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiA471DJ		Single	PowerPAK SC-70	P	-30	-20						0.0241			0.014	8.9	18.5	4.4	2.7	-30.3	19.2	-1	11
SiA477EDJT		Single	Thin PowerPAK SC-70-6L	P	-12	8			0.032	0.019		0.013				33	55	4.3	8.9	-12	19	-0.4	6
SiA483ADJ		Single	PowerPAK SC-70	P	-30	-20						0.033			0.02	8.3	17	3.7	3	-12	17.9	-1	8.8
SiA483DJ		Single	PowerPAK SC-70	P	-30	20						0.03			0.021	14	29	4.4	4.8	-12	19	-1	3.7
SiA485DJ		Single	PowerPAK SC-70	P	-150	20							2.7		2.6		4.2	0.9	1.3	1.6	15.6	2.5	10
SiA517DJ		N&P PAIR	PowerPAK SC-70	N	12	8	0.065	0.044	0.034			0.029				5.6		0.72	0.74	4.5	6.5	0.4	3.5
SiA517DJ		N&P PAIR	PowerPAK SC-70	P	-12	8	0.17	0.115	0.081			0.061				8.2		1.2	2.8	4.5	6.5	0.4	10
SiA519EDJ		N&P PAIR	PowerPAK SC-70	P	-20	12				0.137		0.09				5.3	10.5	0.75	2	4.5	7.8	0.5	10
SiA519EDJ		N&P PAIR	PowerPAK SC-70	N	20	12				0.065		0.04				3.7	7.7	0.85	0.95	4.5	7.8	0.6	3.5
SiA527DJ		N&P PAIR	PowerPAK SC-70	P	-12	8	0.174	0.11	0.06			0.041				10.5		2.3	2.5	4.5	7.8	0.4	5.5
SiA527DJ		N&P PAIR	PowerPAK SC-70	N	12	8	0.065	0.044	0.034			0.029				5.6		0.72	0.74	4.5	7.8	0.4	3.5
SiA533EDJ		N- and p-pair	PowerPAK SC-70	N	12	8	0.070	0.05	0.04			0.034				5.6	10	0.7	0.85	4.5	7.8	0.4	3.5
SiA533EDJ		N- and p-pair	PowerPAK SC-70	P	-12	8	0.215	0.115	0.081			0.059				7.8	13	1.3	2.3	-4.5	7.8	-0.4	7
SiA537EDJ		N- and p-pair	PowerPAK SC-70	N	12	8	0.165	0.042	0.033			0.028				6.2		0.8	1.6	4.5	7.8	0.4	4
SiA537EDJ		N- and p-pair	PowerPAK SC-70	P	-20	8	0.165	0.104	0.07			0.054				6.2		1.4	2.3	-4.5	7.8	-0.4	5.1
SiA817EDJ		Dual plus integrated	PowerPAK SC-70	P	-30	12				0.125		0.08			0.065	6.6	14	1.3	2	-4.5	6.5	-0.6	5.5












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
		Schottky																					
SiA910EDJ		DUAL	PowerPAK SC-70	N	12	8			0.042	0.033		0.028				6.2		0.8	1.6	4.5	7.8	0.4	4
SiA918EDJ		DUAL	PowerPAK SC-70	N	30	8			0.077	0.065		0.058				3.6		0.45	0.53	4.5	7.8	0.4	4.3
SiA921EDJ		DUAL	PowerPAK SC-70	P	-20	12				0.098		0.059				7.1	15	1.3	2.1	4.5	7.8	0.5	6.3
SiA923AEDJ		Dual	SC-70	P	-20	8		0.165	0.104	0.07		0.054				9.5		1.4	2.3	-4.5	7.8	-0.4	5.1
SiA928DJ		Dual	PowerPAK SC-70	N	30	20						0.033	0.029		0.025	3	6.6	1.4	0.5	4.5	7.8	1.2	4.6
SiA931DJ		Dual	PowerPAK SC-70	P	-30	20						0.1	0.08		0.065	4.1	8.5	1.2	1.5	-4.5	7.8	-1.2	5.5
SiA938DJT		Dual	PowerPAK SC-70	N	20	12				0.048		0.0245			0.0215	3.5	7.6	1.2	0.63	4.5	7.8	0.6	2.8
SiA975DJ		Dual	PowerPAK SC-70	P	-12	8			0.11	0.06		0.041				10.5		2.3	2.5	-4.5	7.8	-0.4	5.5
SiAA00DJ		Single	PowerPAK SC-70	N	25	16						0.0075			0.0056	7.4	15.7	3	1.6	40	19.2	1	1.25
SiAA02DJ		Single	PowerPAK SC-70	N	20	12				0.0162		0.0059			0.0047	10.2	22	3.2	2.6	52	19	0.6	1.2
SiAA40DJ		Single	PowerPAK SC-70	N	40	20						0.016			0.0125	7.7	16	3.2	1.8	30	19.2	1	1.9
SiB406EDK		Single	PowerPAK SC-75	N	20	12				0.063		0.046				3.5	7.5	0.95	0.75	6	10	0.6	3.5
SiB422EDK		Single	PowerPAK SC-75	N	20	8		0.082	0.057	0.041		0.03				6		0.8	1.6	9	13	0.4	2300
SiB4316EDK		Single	PowerPAK SC-75	N																			
SiB4317EDK		Single	PowerPAK SC-75	P	-30	12				0.125		0.08			0.065	6.6	14	1.3	2	-4.5	10	-0.6	5.5
SiB433EDK		Single	PowerPAK SC-75	P	-20	8			0.105	0.077		0.058				7.6		0.8	3.1	9	13	0.4	2000












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiB441EDK		Single	PowerPAK SC-75	P	-12	8		0.1150	0.06	0.036		0.0255				13.4		1.6	3.4	-9	13	-0.4	11
SiB452DK		Single	PowerPAK SC-75	N	190	16			6	2.6		2.4				2.3	4.3	0.4	1	1.5	13	0.6	2.2
SiB456DK		Single	PowerPAK SC-75	N	100	20						0.31			0.185	1.8	3.3	0.7	1	6.3	13	1.6	6.5
SiB457EDK		Single	PowerPAK SC-75	P	-20	8		0.157	0.079	0.049		0.035				13	22	1.2	3	9	13	0.4	1400
SiB912DK		Dual	PowerPAK SC-75	N	20	8			0.375	0.268		0.216				1.2		0.3	0.15	1.5	3.1	0.4	2.5
SiDR104ADP		Single	PowerPAK SO-8DC	N	100	20								0.0072	0.0061		46.1	15.4	7.1	81	100	2	0.9
SiDR104AEP		Single	PowerPAK SO-8DC	N	100	20								0.0072	0.0061		46.1	15.4	7.1	90.5	120	2	0.9
SiDR140DP		Single	PowerPAK SO-8DC	N	25	20						0.0009			0.00067	52.8	113	17.6	10.7	100	125	1	0.38
SiDR220DP		Single	PowerPAK SO-8DC	N	25	16						0.00082			0.00058	61	134	24	9.2	100	125	1	0.38
SiDR220EP		Single	PowerPAK SO-8DC	N	25	16						0.00082			0.00058	61	134	24	9.2	415	150	1	0.38
SiDR390DP		Single	PowerPAK SO-8DC	N	30	20						0.00115			0.0008	48	102	22	4.7	100	125	0.8	1.3
SiDR392DP		Single	PowerPAK SO-8DC	N	30	20						0.00093			0.00062	59.7	125	25.2	12.3	100	125	1	0.4
SiDR402DP		Single	PowerPAK SO-8DC	N	40	20						0.00116			0.00088	53	110	22.5	9.5	100	125	1.1	0.88
SiDR402EP		Single	PowerPAK SO-8DC	N	40	20						0.00116			0.00088	53	110	22.5	9.5	291	150	1.1	0.88
SiDR500EP		Single	PowerPAK SO-8DC	N	30	16						0.00068			0.00047	54.3	120	25.6	8.7	421	150	1	0.9
SiDR5102EP		Single	PowerPAK SO-8DC	N	100	20								0.0056	0.0041		33.7	15.7	1.7	126	150	2	1.15












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiDR510EP		Single	PowerPAK SO-8DC	N	100	20								0.0042	0.0036		54	23.3	3	148	150	2	1.15
SiDR570EP		Single	PowerPAK SO-8DC	N	150	20								0.0085	0.0079		46.9	18.1	4.2	90.9	150	2	1.1
SiDR578EP		Single	PowerPAK SO-8DC	N	150	20								0.01	0.0088		32.5	15.3	3.1	78	150	2	1.35
SiDR5802EP		Single	PowerPAK SO-8DC	N	80	20								0.004	0.0029		37.3	16.5	3.2	153	150	2	1.1
SiDR608DP		Single	PowerPAK SO-8DC	N	45	20						0.0018			0.0012	50.5	111	26	7.8	208	104	1.1	0.88
SiDR608EP		Single	PowerPAK SO-8DC	N	45	20						0.0018			0.0012	50.5	111	26	7.8	228	125	1.1	0.88
SiDR610DP		Single	PowerPAK SO-8DC	N	200	20								0.0334	0.0319		25	6.4	6.8	39.6	125	2	2.1
SiDR610EP		Single	PowerPAK SO-8DC	N	200	20								0.0334	0.0319		25	6.4	6.8	39.6	150	2	2.1
SiDR622DP		Single	PowerPAK SO-8DC	N	150	20								0.0204	0.0177		27	9.2	8.2	56.7	125	2.5	1.8
SiDR626DP		Single	PowerPAK SO-8DC	N	60	20							0.0026	0.002	0.0017		68	21	8.2	100	125	2	0.91
SiDR626EP		Single	PowerPAK SO-8DC	N	60	20								0.0021	0.00174		68	25	7.4	227	150	2	0.62
SiDR626LDP		Single	PowerPAK SO-8DC	N	60	20						0.0021			0.0015	41	89	17.4	10.8	204	125	1	0.88
SiDR626LEP		Single	PowerPAK SO-8DC	N	60	20						0.0021			0.0015	41	89	17.4	10.8	218	150	1	0.88
SiDR638DP		Single	PowerPAK SO-8DC	N	40	20						0.00116			0.00088	63	136	30.5	10.6	100	125	1.1	0.88
SiDR668ADP		Single	PowerPAK SO-8DC	N	100	20								0.007	0.0048		54	17.5	11.4	104	125	2	0.9
SiDR668DP		Single	PowerPAK SO-8DC	N	100	20								0.00505	0.0048		72	21.6	12	95	125	2	0.9












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiDR680ADP		Single	PowerPAK SO-8DC	N	80	20								0.0035	0.00288		55	17	10	137	125	2	0.88
SiDR680DP		Single	PowerPAK SO-8DC	N	80	20								0.0034	0.0029		69.5	19.6	9.1	100	125	2	0.88
SiDR870ADP		Single	PowerPAK SO-8DC	N	100	20						0.0105		0.007	0.0066	25.2	53.5	10	10.6	95	125	1.5	1
SiE818DF		Single	PolarPAK	N	75	20						0.0125			0.0095	33	63	11	17	60	125	1.5	0.95
SiE822DF		Single	PolarPAK	N	20	20						0.0055			0.0034	24	52	13	5	50	104	1.5	1
SiE882DF		Single	PolarPAK	N	25	20						0.0018			0.0014	46	96	18	12	60	125	1	1.1
SiHA100N60E		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.1		33	13	10	12	35	3	0.7
SiHA105N60EF		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.102		35	12	11	12	35	3	0.7
SiHA11N80AE		Single	Thin-Lead TO-220 FULLPAK	N	800	30									0.45		28	6	12	8	31	2	1.5
SiHA11N80E		Single	Thin-Lead TO-220 FULLPAK	N	800	30									0.44		44	9	16	12	34	2	0.9
SiHA120N60E		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.12		30	10	12	25	34	3	0.65
SiHA125N60EF		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.125		31	12	11	11	179	3	0.65
SiHA12N50E		Single	Thin-Lead TO-220 FULLPAK	N	500	30									0.38		25	6	10	10.5	32	2	0.92
SiHA12N60E		Single	Thin-Lead TO-220	N	600	30									0.38		29	6	13	12	33	2	1.1












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
			FULLPAK																				
SiHA14N60E		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.309		32	8	13	13	147	2	0.75
SiHA15N50E		Single	Thin-Lead TO-220 FULLPAK	N	500	30									0.28		33	8	14	14.5	33	2	0.85
SiHA15N60E		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.28		38	11	17	15	34	2	0.86
SiHA15N65E		Single	Thin-Lead TO-220 FULLPAK	N	650	30									0.28		48	11	21	15	34	2	0.6
SiHA15N80AE		Single	Thin-Lead TO-220 FULLPAK	N	800	30									0.35		35	8	16	6	33	2	0.5
SiHA15N80AEF		Single	Thin-Lead TO-220 FULLPAK	N	800	30									0.35		36	7	15	6	33	2	0.5
SiHA17N80AE		Single	Thin-Lead TO-220 FULLPAK	N	800	30									0.29		41	8	18	7	34	2	0.5
SiHA17N80AEF		Single	Thin-Lead TO-220 FULLPAK	N	800	30									0.305		42	9	19	6.5	34	2	0.5
SiHA17N80E		Single	Thin-Lead TO-220 FULLPAK	N	800	30									0.29		61	14	23	6	35	2	0.7
SiHA180N60E		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.18		22	7	11	9	33	3	0.7
SiHA186N60EF		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.193		21	7	7	8.4	33	3	0.7












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHA18N60E		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.202		46	10	18	18	34	2	0.74
SiHA20N50E		Single	Thin-Lead TO-220 FULLPAK	N	500	30									0.184		46	10	19	19	34	2	0.83
SiHA21N60EF		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.176		56	14	24	9	35	2	0.56
SiHA21N65EF		Single	Thin-Lead TO-220 FULLPAK	N	650	30									0.18		71	14	33	21	35	2	0.78
SiHA21N80AE		Single	Thin-Lead TO-220 FULLPAK	N	800	30									0.235		48	9	22	7.5	33	2	0.55
SiHA21N80AEF		Single	Thin-Lead TO-220 FULLPAK	N	800	30									0.25		47	10	21	7	33	2	0.5
SiHA22N60AE		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.18		48	12	25	8	33	2	0.6
SiHA22N60E		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.18		57	11	24	8	35	2	0.77
SiHA22N60EF		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.182		48	9	21	19	33	2	0.6
SiHA22N60EL		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.197		37	15	15	21	35	3	0.65
SiHA240N60E		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.24		15	4	6	12	31	3	1.5












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHA24N65EF		Single	Thin-Lead TO-220 FULLPAK	N	650	30									0.156		81	17	36	10	39	2	0.5
SiHA24N80AE		Single	Thin-Lead TO-220 FULLPAK	N	800	30									0.184		59	15	30	9	35	2	0.5
SiHA25N50E		Single	Thin-Lead TO-220 FULLPAK	N	500	30									0.145		57	14	25	26	35	2	0.56
SiHA25N60EFL		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.146		50	17	19	25	39	3	0.7
SiHA2N80E		Single	Thin-Lead TO-220 FULLPAK	N	800	30									2.75		9.8	2.4	3.9	2.8	29	2	3.6
SiHA4N80E		Single	Thin-Lead TO-220 FULLPAK	N	800	30									1.27		16	4	6	4.3	69	2	1.2
SiHA5N80AE		Single	Thin-Lead TO-220 FULLPAK	N	800	30									1.35		11	3	6	3	29	2	3.2
SiHA690N60E		Single	Thin-Lead TO-220 FULLPAK	N	600	30									0.7		8	3	3	4.3	29	3	2.3
SiHA6N65E		Single	Thin-Lead TO-220 FULLPAK	N	650	30									0.6		24	6	11	7	31	2	1.4
SiHA6N80AE		Single	Thin-Lead TO-220 FULLPAK	N	800	30									0.95		15	4	7	5	30	2	2
SiHA6N80E		Single	Thin-Lead TO-220 FULLPAK	N	800	30									0.94		22	5	8	5.4	31	2	1












Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHB053N60E		Single	D2PAK (TO-263)	N	600	30									0.054		61	27	13	47	278	3	0.8
SiHB055N60EF		Single	D2PAK (TO-263)	N	600	30									0.055		63	29	15	46	278	3	0.8
SiHB065N60E		Single	D2PAK (TO-263)	N	600	30									0.065		49	19	15	40	250	3	0.7
SiHB068N60EF		Single	D2PAK (TO-263)	N	600	30									0.068		51	19	16	41	250	3	0.7
SiHB100N60E		Single	D2PAK (TO-263)	N	600	30									0.1		33	13	10	30	208	3	0.7
SiHB105N60EF		Single	D2PAK (TO-263)	N	600	30									0.102		35	12	11	29	208	3	0.7
SiHB10N40D		Single	D2PAK (TO-263)	N	400	30									0.6		15	4	7	10	147	3	1.8
SiHB11N80AE		Single	D2PAK (TO-263)	N	800	30									0.45		28	6	12	8	78	2	1.5
SiHB11N80E		Single	D2PAK (TO-263)	N	800	30									0.44		44	9	16	12	179	2	0.9
SiHB120N60E		Single	D2PAK (TO-263)	N	600	30									0.12		30	10	12	25	179	3	0.65
SiHB125N60EF		Single	D2PAK (TO-263)	N	600	30									0.125		31	12	11	25	179	3	0.65



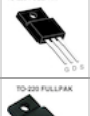


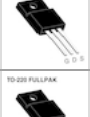
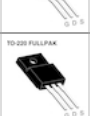




Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHB12N50E		Single	D2PAK (TO-263)	N	500	30									0.38		25	6	10	10.5	114	2	0.92
SiHB12N60E		Single	D2PAK (TO-263)	N	600	30									0.38		29	6	13	12	147	2	1.1
SiHB12N65E		Single	D2PAK (TO-263)	N	650	30									0.38		35	9	16	12	156	2	0.81
SiHB15N50E		Single	D2PAK (TO-263)	N	500	30									0.28		33	8	14	14.5	156	2	0.85
SiHB15N60E		Single	D2PAK (TO-263)	N	600	30									0.28		39	11	17	15	180	2	0.86
SiHB15N65E		Single	D2PAK (TO-263)	N	650	30									0.28		48	11	21	15	34	2	0.8
SiHB15N80AE		Single	D2PAK (TO-263)	N	800	30									0.35		35	8	16	13	156	2	0.5
SiHB17N80AE		Single	D2PAK (TO-263)	N	800	30									0.29		41	8	18	15	179	2	0.5
SiHB17N80E		Single	D2PAK (TO-263)	N	800	30									0.29		61	14	23	15	208	2	0.7
SiHB180N60E		Single	D2PAK (TO-263)	N	600	30									0.18		22	7	11	19	156	3	0.7
SiHB186N60EF		Single	D2PAK (TO-263)	N	600	30									0.193		21	7	7	18	156	3	0.7














Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHB18N60E		Single	D2PAK (TO-263)	N	600	30									0.202		46	10	18	18	179	2	0.74
SiHB20N50E		Single	D2PAK (TO-263)	N	500	30									0.184		46	10	19	19	179	2	0.83
SiHB21N60EF		Single	D2PAK (TO-263)	N	600	30									0.176		56	14	24	21	227	2	0.56
SiHB21N65EF		Single	D2PAK (TO-263)	N	650	30									0.18		71	14	33	21	208	2	0.78
SiHB21N80AE		Single	D2PAK (TO-263)	N	800	30									0.235		48	9	22	17.4	179	2	0.55
SiHB22N60AE		Single	D2PAK (TO-263)	N	600	30									0.18		48	12	25	20	179	2	0.6
SiHB22N60E		Single	D2PAK (TO-263)	N	600	30									0.18		57	11	24	21	227	2	0.77
SiHB22N60EF		Single	D2PAK (TO-263)	N	600	30									0.182		48	9	21	19	179	2	0.6
SiHB22N60EL		Single	D2PAK (TO-263)	N	600	30									0.197		37	15	15	21	227	3	0.65
SiHB22N65E		Single	D2PAK (TO-263)	N	650	30									0.18		73	15	32	22	227	2	0.64
SiHB23N60E		Single	D2PAK (TO-263)	N	600	30									0.158		63	16	25	23	227	2	0.73














Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHB24N65E		Single	D2PAK (TO-263)	N	650	30									0.145		81	21	37	24	250	2	0.68
SiHB24N65EF		Single	D2PAK (TO-263)	N	650	30									0.156		81	17	36	24	250	2	0.5
SiHB24N80AE		Single	D2PAK (TO-263)	N	800	30									0.184		59	15	30	21	208	2	0.5
SiHB25N50E		Single	D2PAK (TO-263)	N	500	30									0.145		57	14	25	26	250	2	0.56
SiHB28N60EF		Single	D2PAK (TO-263)	N	600	30									0.123		80	17	33	28	250	2	0.5
SiHB30N60E		Single	D2PAK (TO-263)	N	600	30									0.125		85	15	39	29	250	2	0.63
SiHB33N60E		Single	D2PAK (TO-263)	N	600	30									0.099		100	24	42	33	278	2	0.7
SiHB33N60EF		Single	D2PAK (TO-263)	N	600	30									0.098		103	22	43	33	278	2	0.5
SiHB35N60E		Single	D2PAK (TO-263)	N	600	30									0.094		88	22	46	32	250	2	0.5
SiHB35N60EF		Single	D2PAK (TO-263)	N	600	30									0.097		89	16	48	32	250	2	0.5
SiHB4N80E		Single	D2PAK (TO-263)	N	800	30									1.27		16	4	6	4.3	69	2	1.2














Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHB5N80AE		Single	D2PAK (TO-263)	N	800	30									1.35		11	3	6	4.4	62.5	2	3.2
SiHB6N65E		Single	D2PAK (TO-263)	N	650	30									0.6		24	6	11	7	78	2	1.4
SiHB6N80E		Single	D2PAK (TO-263)	N	800	30									0.94		22	5	8	5.4	78	2	1
SiHB8N50D		Single	D2PAK (TO-263)	N	500	30									0.85		15	4	7	8.7	156	3	1.8
SiHD11N80AE		Single	DPAK (TO-252)	N	800	30									0.45		28	6	12	8	78	2	1.5
SiHD12N50E		Single	DPAK (TO-252)	N	500	30									0.38		25	6	10	10.5	114	2	0.92
SiHD14N60E		Single	DPAK (TO-252)	N	600	30									0.309		32	8	13	13	147	2	0.75
SiHD180N60E		Single	DPAK (TO-252)	N	600	30									0.195		21	7	11	19	156	3	0.6
SiHD186N60EF		Single	DPAK (TO-252)	N	600	30									0.201		21	9	7	19	156	3	0.6
SiHD1K4N60E		Single	DPAK (TO-252)	N	600	30									1.45		5	1	3	4.2	63	3	4.2
SiHD240N60E		Single	DPAK (TO-252)	N	600	30									0.24		15	4	6	12	78	3	1.5













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHD2N80AE		Single	DPAK (TO-252)	N	800	30									2.9		7	3	2	2.9	62.5	2	5.2
SiHD2N80E		Single	DPAK (TO-252)	N	800	30									2.75		9.8	2.4	3.9	2.8	62.5	2	3.6
SiHD3N50D		Single	DPAK (TO-252)	N	500	30									3.2		6	2	3	3	69	3	3.3
SiHD4N80E		Single	DPAK (TO-252)	N	800	30									1.27		16	4	6	4.3	69	2	1.2
SiHD5N50D		Single	DPAK (TO-252)	N	500	30									1.5		10	3	5	5.3	104	3	1.7
SiHD5N80AE		Single	DPAK (TO-252)	N	800	30									1.35		11	3	6	4.4	62.5	2	3.2
SiHD690N60E		Single	DPAK (TO-252)	N	600	30									0.7		8	3	3	6.4	62.5	3	2.3
SiHD6N62E		Single	DPAK (TO-252)	N	620	30									0.9		17	4	8	6	78	2	1.3
SiHD6N65E		Single	DPAK (TO-252)	N	650	30									0.6		24	6	11	7	78	2	1.4
SiHD6N80AE		Single	DPAK (TO-252)	N	800	30									0.95		15	4	7	5	62.5	2	2
SiHD6N80E		Single	DPAK (TO-252)	N	800	30									0.94		22	5	8	5.4	78	2	1













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHD7N60E		Single	DPAK (TO-252)	N	600	30									0.6		20	5	9	7	78	2	1.1
SiHD9N60E		Single	DPAK (TO-252)	N	600	30									0.368		26	6	13	9	78	2.5	1.2
SiHF065N60E		Single	TO-220 FULLPAK	N	600	30									0.065		49	19	15	40	39	3	0.7
SiHF068N60EF		Single	TO-220 FULLPAK	N	600	30									0.068		51	19	16	16	39	3	0.7
SiHF080N60E		Single	TO-220 FULLPAK	N	600	30									0.08		42	19	10	14	35	3	0.7
SiHF10N40D		Single	TO-220 FULLPAK	N	400	30									0.6		15	4	7	10	33	3	1.8
SiHF12N60E		Single	TO-220 FULLPAK	N	600	30									0.38		29	6	13	12	33	2	1.1
SiHF12N65E		Single	TO-220 FULLPAK	N	650	30									0.38		35	9	16	12	33	2	0.81
SiHF15N60E		Single	TO-220 FULLPAK	N	600	30									0.28		39	11	17	15	34	2	0.86
SiHF15N65E		Single	TO-220 FULLPAK	N	650	30									0.28		48	11	21	15	34	2	0.8
SiHF18N50D		Single	TO-220 FULLPAK	N	500	30									0.28		38	11	17	18	39	3	1.7
SiHF22N60E		Single	TO-220 FULLPAK	N	600	30									0.18		57	11	24	21	35	2	0.77













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHF22N65E		Single	TO-220 FULLPAK	N	650	30									0.18		73	15	32	22	35	2	0.64
SiHF23N60E		Single	TO-220 FULLPAK	N	600	30									0.158		63	16	25	23	35	2	0.73
SiHF28N60EF		Single	TO-220 FULLPAK	N	600	30									0.123		80	17	33	28	39	2	0.5
SiHF30N60E		Single	TO-220 FULLPAK	N	600	30									0.125		85	15	39	29	37	2	0.63
SiHF35N60E		Single	TO-220 FULLPAK	N	600	30									0.094		88	22	46	32	39	2	0.5
SiHF35N60EF		Single	TO-220 FULLPAK	N	600	30									0.097		89	16	48	32	39	2	0.5
SiHF5N50D		Single	TO-220 FULLPAK	N	500	30									1.5		10	3	5	5.3	28.8	3	1.7
SiHF6N40D		Single	TO-220 FULLPAK	N	400	30									1		9	3	4	6	30	3	1.9
SiHF6N65E		Single	TO-220 FULLPAK	N	650	30									0.6		24	6	11	7	31	2	1.4
SiHF7N60E		Single	TO-220 FULLPAK	N	600	30									0.6		20	5	9	7	31	2	1.1
SiHF8N50D		Single	TO-220 FULLPAK	N	500	30									0.85		15	4	7	8.7	33	3	1.8
SiHF8N50L		Single	TO-220 FULLPAK	N	500	30									1		22	7.8	10.4	8	40	3	0.7
SiHFBF30S		Single	D2PAK (TO-263)	N	900	20									3.7		78	10	42	3.6	125	2	













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHFPS37N50A																							
SiHFPS38N60L																							
SiHFPS40N50L																							
SiHFPS40N60K																							
SiHFPS43N50K																							
SiHG018N60E		Single	TO-247AC	N	600	30									0.023		152	65	48	99	524	3	0.9
SiHG026N60EF		Single	TO-247AC	N	600	30									0.026		151	63	36	95	521	3	0.9
SiHG039N60E		Single	TO-247AC	N	600	30									0.039		84	29	28	63	357	3	0.7
SiHG039N60EF		Single	TO-247AC	N	600	30									0.04		84	36	26	61	357	3	0.7
SiHG050N60E		Single	TO-247AC	N	600	30									0.05		65	25	19	51	278	3	0.85
SiHG052N60EF		Single	TO-247AC	N	600	30									0.052		67	24	22	48	278	3	0.8
SiHG065N60E		Single	TO-247AC	N	600	30									0.065		49	19	15	40	250	3	0.7
SiHG068N60EF		Single	TO-247AC	N	600	30									0.068		51	19	16	41	250	3	0.7















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHG080N60E		Single	TO-247AC	N	600	30									0.08		42	19	10	35	227	3	0.7
SiHG100N60E		Single	TO-247AC	N	600	30									0.1		33	13	10	30	208	3	0.7
SiHG105N60EF		Single	TO-247AC	N	600	30									0.102		35	12	11	29	208	3	0.7
SiHG11N80AE		Single	TO-247AC	N	800	30									0.45		28	6	12	8	78	2	1.5
SiHG11N80E		Single	TO-247AC	N	800	30									0.44		44	9	16	12	179	2	0.9
SiHG120N60E		Single	TO-247AC	N	600	30									0.12		30	10	12	25	179	3	0.65
SiHG125N60EF		Single	TO-247AC	N	600	30									0.125		31	12	11	25	179	3	0.65
SiHG14N50D		Single	TO-247AC	N	500	30									0.4		29	8	14	14	208	3	1.7
SiHG15N60E		Single	TO-247AC	N	600	30									0.28		39	11	17	15	180	2	0.86
SiHG15N80AE		Single	TO-247AC	N	800	30									0.35		35	8	16	13	156	2	0.5
SiHG15N80AEF		Single	TO-247AC	N	800	30									0.35		36	7	15	13	156	2	0.5
SiHG16N50C		Single	TO-247AC	N	500	30									0.38		68			16		3	1.6
SiHG17N60D		Single	TO-247AC	N	600	30									0.34		45	14	22	17	277.8	3	1.6

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHG17N80AE		Single	TO-247AC	N	800	30									0.29		41	8	18	15	179	2	0.5
SiHG17N80AEF		Single	TO-247AC	N	800	30									0.305		42	9	19	15	179	2	0.5
SiHG17N80E		Single	TO-247AC	N	800	30									0.29		61	14	23	15	208	2	0.7
SiHG180N60E		Single	TO-247AC	N	600	30									0.18		22	7	11	19	156	3	0.7
SiHG186N60EF		Single	TO-247AC	N	600	30									0.193		21	7	7	18	156	3	0.7
SiHG20N50C		Single	TO-247AC	N	500	30									0.27		65	21	29	20	250	3	1.1
SiHG20N50E		Single	TO-247AC	N	500	30									0.184		46	10	19	19	179	2	0.83
SiHG21N60EF		Single	TO-247AC	N	600	30									0.176		56	14	24	21	227	2	0.56
SiHG21N65EF		Single	TO-247AC	N	650	30									0.18		71	14	33	21	208	2	0.78
SiHG21N80AE		Single	TO-247AC	N	800	30									0.235		48	9	22	17.4	179	2	0.55
SiHG21N80AEF		Single	TO-247AC	N	800	30									0.25		47	10	21	16.3	179	2	0.5
SiHG22N50D		Single	TO-247AC	N	500	30									0.23		49	13	22	22	312	3	1.4
















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHG22N60AE		Single	TO-247AC	N	600	30									0.18		48	12	25	20	179	2	0.6
SiHG22N60E		Single	TO-247AC	N	600	30									0.18		57	11	24	21	227	2	0.77
SiHG22N60EF		Single	TO-247AC	N	600	30									0.182		48	9	21	19	179	2	0.6
SiHG22N60EL		Single	TO-247AC	N	600	30									0.197		37	15	15	21	227	3	0.65
SiHG22N65E		Single	TO-247AC	N	650	30									0.18		73	15	32	22	227	2	0.64
SiHG23N60E		Single	TO-247AC	N	600	30									0.158		63	16	25	23	227	2	0.73
SiHG24N65E		Single	TO-247AC	N	650	30									0.145		81	21	37	24	250	2	0.68
SiHG24N65EF		Single	TO-247AC	N	650	30									0.156		81	17	36	24	250	2	0.5
SiHG24N80AE		Single	TO-247AC	N	800	30									0.184		59	15	30	21	208	2	0.5
SiHG24N80AEF		Single	TO-247AC	N	800	30									0.195		60	13	28	20	208	2	0.5
SiHG25N40D		Single	TO-247AC	N	400	30									0.17		44	12	23	25	278	3	1.8
SiHG25N50E		Single	TO-247AC	N	500	30									0.145		57	14	25	26	250	2	0.56













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHG25N60EFL		Single	TO-247AC	N	600	30									0.146		50	17	19	25	250	3	0.7
SiHG28N60EF		Single	TO-247AC	N	600	30									0.123		80	17	33	28	250	2	0.5
SiHG28N65E		Single	TO-247AC	N	650	30									0.122		93	21	37	28	250	2	0.7
SiHG28N65EF		Single	TO-247AC	N	650	30									0.117		97	21	43	28	250	2	0.5
SiHG30N60E		Single	TO-247AC	N	600	30									0.125		85	15	39	29	250	2	0.63
SiHG32N50D		Single	TO-247AC	N	500	30									0.15		64	18	29	30	390	3	1.5
SiHG33N60E		Single	TO-247AC	N	600	30									0.099		100	24	42	33	278	2	0.7
SiHG33N60EF		Single	TO-247AC	N	600	30									0.098		103	22	43	33	278	2	0.5
SiHG33N65E		Single	TO-247AC	N	650	30									0.105		115	29	49	32.4	313	2	0.5
SiHG33N65EF		Single	TO-247AC	N	650	30									0.109		114	25	45	31.6	313	2	0.5
SiHG35N60E		Single	TO-247AC	N	600	30									0.094		88	22	46	32	250	2	0.5
SiHG35N60EF		Single	TO-247AC	N	600	30									0.097		89	16	48	32	250	2	0.5













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHG40N60E		Single	TO-247AC	N	600	30									0.075		131	33	54	40	329	2	0.6
SiHG44N65EF		Single	TO-247AC	N	650	30									0.073		185	46	76	46	417	2	0.5
SiHG47N60AE		Single	TO-247AC	N	600	30									0.065		121	29	62	43	313	2	0.6
SiHG47N60AEF		Single	TO-247AC	N	600	30									0.07		126	26	55	40	313	2	0.5
SiHG47N60E		Single	TO-247AC	N	600	30									0.064		148	29	57	47	357	2	0.65
SiHG47N60EF		Single	TO-247AC	N	600	30									0.065		152	32	62	47	379	2	0.46
SiHG47N65E		Single	TO-247AC	N	650	30									0.072		182	46	79	47	417	2	0.64
SiHG61N65EF		Single	TO-247AC	N	650	30									0.047		247	65	93	64	520	2	1
SiHG64N65E		Single	TO-247AC	N	650	30									0.047		239	66	93	64	520	2	1.5
SiHG70N60AEF		Single	TO-247AC	N	600	20									0.041		205	38	99	60	417	2	1
SiHG70N60EF		Single	TO-247AC	N	600	30									0.038		253	62	102	70	520	2	1.1
SiHG73N60AE		Single	TO-247AC	N	600	30									0.04		197	38	87	60	417	2	1













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHG73N60E		Single	TO-247AC	N	600	30									0.039		241	48	98	73	520	2	1.52
SiHG80N60E		Single	TO-247AC	N	600	30									0.03		295	85	139	80	520	2	1.2
SiHG80N60EF		Single	TO-247AC	N	600	30									0.032		266	43	143	80	520	2	1.2
SiHH068N60E		Single	PowerPAK 8 x 8	N	600	30									0.068		53	17	20	34	202	3	0.7
SiHH070N60EF		Single	PowerPAK 8 x 8	N	600	30									0.071		50	20	17	36	202	3	0.7
SiHH080N60E		Single	PowerPAK 8 x 8	N	600	30									0.08		42	19	10	32	184	3	0.7
SiHH100N60E		Single	PowerPAK 8 x 8	N	600	30									0.1		35	11	13	28	174	3	0.6
SiHH105N60EF		Single	PowerPAK 8 x 8	N	600	30									0.105		33	16	8	26	174	3	0.7
SiHH11N60E		Single	PowerPAK 8 x 8	N	600	30									0.339		31	7	13	11	114	2	0.7
SiHH11N60EF		Single	PowerPAK 8 x 8	N	600	30									0.357		31	7	13	11	114	2	0.7
SiHH11N65E		Single	PowerPAK 8 x 8	N	650	30									0.363		34	9	15	12	130	2	0.7
SiHH11N65EF		Single	PowerPAK 8 x 8	N	650	30									0.382		35	8	15	11	130	2	0.7
SiHH120N60E		Single	PowerPAK 8 x 8	N	600	30									0.12		29	11	8	24	156	3	0.63
SiHH125N60EF		Single	PowerPAK 8 x 8	N	600	30									0.125		31	12	11	23	156	3	0.65
SiHH14N60E		Single	PowerPAK 8 x 8	N	600	30									0.255		41	8	16	16	147	2	0.75













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHH14N60EF		Single	PowerPAK 8 x 8	N	600	30									0.266		42	9	17	15	147	2	0.8
SiHH14N65E		Single	PowerPAK 8 x 8	N	650	30									0.26		48	12	21	15	156	2	0.7
SiHH14N65EF		Single	PowerPAK 8 x 8	N	650	30									0.271		49	11	20	15	156	2	0.7
SiHH180N60E		Single	PowerPAK 8 x 8	N	600	30									0.18		22	7	11	19	114	3	0.7
SiHH186N60EF		Single	PowerPAK 8 x 8	N	600	30									0.193		21	7	7	16	114	3	0.7
SiHH20N50E		Single	PowerPAK 8 x 8	N	500	30									0.147		56	12	23	22	174	2	0.6
SiHH21N60E		Single	PowerPAK 8 x 8	N	600	30									0.176		55	11	20	20	104	2	0.6
SiHH21N60EF		Single	PowerPAK 8 x 8	N	600	30									0.185		57	13	23	19	174	2	0.8
SiHH21N65E		Single	PowerPAK 8 x 8	N	650	30									0.17		66	16	28	20.3	156	2	0.55
SiHH21N65EF		Single	PowerPAK 8 x 8	N	650	30									0.18		68	15	28	19.8	156	2	0.55
SiHH240N60E		Single	PowerPAK 8 x 8	N	600	30									0.24		15	4	6	12	89	3	1.5
SiHH24N65E		Single	PowerPAK 8 x 8	N	650	30									0.15		77	19	33	23	202	2	0.55
SiHH24N65EF		Single	PowerPAK 8 x 8	N	650	30									0.158		78	18	33	23	202	2	0.53
SiHH26N60E		Single	PowerPAK 8 x 8	N	600	30									0.135		77	18	33	25	202	2	0.5
SiHH26N60EF		Single	PowerPAK 8 x 8	N	600	30									0.141		80	16	33	24	202	2	0.6
SiHH27N60EF		Single	PowerPAK 8 x 8	N	600	30									0.1		90	17	45	29	202	2	0.6













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHH28N60E		Single	PowerPAK 8 x 8	N	600	30									0.098		86	20	44	29	202	2	0.5
SiHJ10N60E		Single	PowerPAK SO-8L	N	600	30									0.36		25	6	13	10	89	2.5	0.8
SiHJ240N60E		Single	PowerPAK SO-8L	N	600	30									0.24		15	4	6	12	89	3	1.5
SiHJ690N60E		Single	PowerPAK SO-8L	N	600	30									0.7		8	3	3	5.6	48	3	2.3
SiHJ6N65E		Single	PowerPAK SO-8L	N	650	30									0.868		16	5	7	5.6	74	2	0.8
SiHJ7N65E		Single	PowerPAK SO-8L	N	650	30									0.598		22	6	9	7.9	96	2	0.8
SiHJ8N60E		Single	PowerPAK SO-8L	N	600	30									0.52		22	5	10	8	89	2	0.93
SiHK045N60E		Single	PowerPAK 10 x 12	N	600	30									0.049		65	28	14	48	278	3	0.8
SiHK055N60E		Single	PowerPAK 10 x 12	N	600	30									0.056		54	26	11	42	236	3	0.8
SiHK055N60EF		Single	PowerPAK 10 x 12	N	600	30									0.058		60	26	14	40	236	3	0.7
SiHK065N60E		Single	PowerPAK 10 x 12	N	600	30									0.068		48	19	11	34	192	3	0.8
SiHK075N60E		Single	PowerPAK 10 x 12	N	600	30									0.08		41	17	9	29	167	3	0.8
SiHK075N60EF		Single	PowerPAK 10 x 12	N	600	30									0.071		48	20	11	33	192	3	0.7
SiHK125N60E		Single	PowerPAK 10 x 12	N	600	30									0.125		29	13	6	21	132	3	0.8
SiHK185N60E		Single	PowerPAK 10 x 12	N	600	30									0.185		22	7	11	19	114	3	0.7













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHP050N60E		Single	TO-220AB	N	600	30									0.05		65	25	19	51	278	3	0.85
SiHP052N60EF		Single	TO-220AB	N	600	30									0.052		67	24	22	48	278	3	0.8
SiHP065N60E		Single	TO-220AB	N	600	30									0.065		49	19	15	40	250	3	0.7
SiHP068N60EF		Single	TO-220AB	N	600	30									0.068		51	19	16	41	250	3	0.7
SiHP080N60E		Single	TO-220AB	N	600	30									0.08		42	19	10	35	227	3	0.7
SiHP100N60E		Single	TO-220AB	N	600	30									0.1		33	13	10	30	208	3	0.7
SiHP105N60EF		Single	TO-220AB	N	600	30									0.102		35	12	11	29	208	3	0.7
SiHP10N40D		Single	TO-220AB	N	400	30									0.6		15	4	7	10	147	3	1.8
SiHP11N80AE		Single	TO-220AB	N	800	30									0.45		28	6	12	8	78	2	1.5
SiHP11N80E		Single	TO-220AB	N	800	30									0.44		44	9	16	12	179	2	0.9
SiHP120N60E		Single	TO-220AB	N	600	30									0.12		30	10	12	25	179	3	0.65
SiHP125N60EF		Single	TO-220AB	N	600	30									0.125		31	12	11	25	179	3	0.65













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHP12N50C, SiHB12N50C, SiHF12N50C		Single	TO-220 FULLPAK	N	500	30									0.555		48			12		3	1.1
SiHP12N50C, SiHB12N50C, SiHF12N50C		Single	D2PAK (TO-263)	N	500	30									0.555		48			12		3	1.1
SiHP12N50C, SiHB12N50C, SiHF12N50C		Single	TO-220AB	N	500	30									0.555		48			12		3	1.1
SiHP12N50E		Single	TO-220AB	N	500	30									0.38		25	6	10	10.5	114	2	0.92
SiHP12N60E		Single	TO-220AB	N	600	30									0.38		29	6	13	12	147	2	1.1
SiHP12N65E		Single	TO-220AB	N	650	30									0.38		35	9	16	12	156	2	0.81
SiHP14N50D		Single	TO-220AB	N	500	30									0.4		29	8	14	14	208	3	1.7
SiHP14N60E		Single	TO-220AB	N	600	30									0.309		32	8	13	13	147	2	0.75
SiHP15N50E		Single	TO-220AB	N	500	30									0.28		33	8	14	14.5	156	2	0.85
SiHP15N60E		Single	TO-220AB	N	600	30									0.28		39	11	17	15	180	2	0.86
SiHP15N65E		Single	TO-220AB	N	650	30									0.28		48	11	21	15	34	2	0.8
SiHP15N80AE		Single	TO-220AB	N	800	30									0.35		35	8	16	13	156	2	0.5













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHP15N80AEF		Single	TO-220AB	N	800	30									0.35		36	7	15	13	156	2	0.5
SiHP16N50C, SiHB16N50C, SiHF16N50C		Single	TO-220AB	N	500	30									0.38		45	18	22	16	250	3	1.6
SiHP16N50C, SiHB16N50C, SiHF16N50C		Single	D2PAK (TO-263)	N	500	30									0.38		45	18	22	16	250	3	1.6
SiHP16N50C, SiHB16N50C, SiHF16N50C		Single	TO-220 FULLPAK	N	500	30									0.38		45	18	22	16	250	3	1.6
SiHP17N60D		Single	TO-220AB	N	600	30									0.34		45	14	22	17	277.8	3	1.6
SiHP17N80AE		Single	TO-220AB	N	800	30									0.29		41	8	18	15	179	2	0.5
SiHP17N80AEF		Single	TO-220AB	N	800	30									0.305		42	9	19	15	179	2	0.5
SiHP17N80E		Single	TO-220AB	N	800	30									0.29		61	14	23	15	208	2	0.7
SiHP180N60E		Single	TO-220AB	N	600	30									0.18		22	7	11	19	156	3	0.7
SiHP186N60EF		Single	TO-220AB	N	600	30									0.193		21	7	7	18	156	3	0.7
SiHP18N50C		Single	TO-220AB	N	500	30									0.27		65	21	29	18	223	3	1.1
SiHP18N60E		Single	TO-220AB	N	600	30									0.202		46	10	18	18	179	2	0.74

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHP20N50E		Single	TO-220AB	N	500	30									0.184		46	10	19	19	179	2	0.83
SiHP21N60EF		Single	TO-220AB	N	600	30									0.176		56	14	24	21	227	2	0.56
SiHP21N65EF		Single	TO-220AB	N	650	30									0.18		71	14	33	21	208	2	0.78
SiHP21N80AE		Single	TO-220AB	N	800	30									0.235		48	9	22	17.4	179	2	0.55
SiHP21N80AEF		Single	TO-220AB	N	800	30									0.25		47	10	21	16.3	179	2	0.5
SiHP22N60AE		Single	TO-220AB	N	600	30									0.18		48	12	25	20	179	2	0.6
SiHP22N60E		Single	TO-220AB	N	600	30									0.18		57	11	24	21	227	2	0.77
SiHP22N60EF		Single	TO-220AB	N	600	30									0.182		48	9	21	19	179	2	0.6
SiHP22N60EL		Single	TO-220AB	N	600	30									0.197		37	15	15	21	227	3	0.65
SiHP22N65E		Single	TO-220AB	N	650	30									0.18		73	15	32	22	227	2	0.64
SiHP23N60E		Single	TO-220AB	N	600	30									0.158		63	16	25	23	227	2	0.73
SiHP240N60E		Single	TO-220AB	N	600	30									0.24		15	5	5	12	78	3	1.65

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHP24N65E		Single	TO-220AB	N	650	30									0.145		81	21	37	24	250	2	0.68
SiHP24N65EF		Single	TO-220AB	N	650	30									0.156		81	17	36	24	250	2	0.5
SiHP24N80AE		Single	TO-220AB	N	800	30									0.184		59	15	30	21	208	2	0.5
SiHP24N80AEF		Single	TO-220AB	N	800	30									0.195		60	13	28	20	208	2	0.5
SiHP25N40D		Single	TO-220AB	N	400	30									0.17		44	12	23	25	278	3	1.8
SiHP25N50E		Single	TO-220AB	N	500	30									0.145		57	14	25	26	250	2	0.56
SiHP25N60EFL		Single	TO-220AB	N	600	30									0.146		50	17	19	25	250	3	0.7
SiHP28N60EF		Single	TO-220AB	N	600	30									0.123		80	17	33	28	250	2	0.5
SiHP28N65E		Single	TO-220AB	N	650	30									0.112		93	22	38	29	250	2	0.5
SiHP28N65EF		Single	TO-220AB	N	650	30									0.117		97	21	43	28	250	2	0.5
SiHP30N60E		Single	TO-220AB	N	600	30									0.125		85	15	39	29	250	2	0.63
SiHP33N60E		Single	TO-220AB	N	600	30									0.099		100	24	42	33	278	2	0.7

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHP33N60EF		Single	TO-220AB	N	600	30									0.098		103	22	43	33	278	2	0.5
SiHP35N60E		Single	TO-220AB	N	600	30									0.094		88	22	46	32	250	2	0.5
SiHP35N60EF		Single	TO-220AB	N	600	30									0.097		89	16	48	32	250	2	0.5
SiHP38N60E		Single	TO-220AB	N	600	30									0.065		122	27	62	43	313	2	0.6
SiHP38N60EF																							
SiHP4N80E		Single	TO-220AB	N	800	30									1.27		16	4	6	4.3	69	2	1.2
SiHP5N50D		Single	TO-220AB	N	500	30									1.5		10	3	5	5.3	104	3	1.7
SiHP5N80AE		Single	TO-220AB	N	800	30									1.35		11	3	6	4.4	62.5	2	3.2
SiHP690N60E		Single	TO-220AB	N	600	30									0.7		8	3	3	6.4	62.5	3	2.3
SiHP6N40D		Single	TO-220AB	N	400	30									1		9	3	4	6	104	3	1.9
SiHP6N65E		Single	TO-220AB	N	650	30									0.6		24	6	11	7	78	2	1.4
SiHP6N80AE		Single	TO-220AB	N	800	30									0.95		15	4	7	5	62.5	2	2

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHP6N80E		Single	TO-220AB	N	800	30									0.94		22	5	8	5.4	78	2	1
SiHP7N60E		Single	TO-220AB	N	600	30									0.6		20	5	9	7	78	2	1.1
SiHP8N50D		Single	TO-220AB	N	500	30									0.85		15	4	7	8.7	156	3	1.8
SiHS36N50D																							
SiHS90N65E																							
SiHU2N80AE		Single	IPAK (TO-251)	N	800	30									2.9		7	3	2	2.9	62.5	2	5.2
SiHU2N80E		Single	IPAK (TO-251)	N	800	30									2.75		9.8	2.4	3.9	2.8	62.5	2	3.6
SiHU3N50D		Single	IPAK (TO-251)	N	500	30									3.2		6	2	3	3	69	3	3.3
SiHU3N50DA		Single	IPAK (TO-251)	N	500	30									3.2		6	2	3	3	69	3	2.6
SiHU4N80AE		Single	IPAK (TO-251)	N	800	30									1.44		11	3	5	4.1	62.5	2	3.5
SiHU4N80E		Single	IPAK (TO-251)	N	800	30									1.27		16	4	6	4.3	69	2	1.2
SiHU5N50D		Single	IPAK (TO-251)	N	500	30									1.5		10	3	5	5.3	104	3	1.7

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiHU5N80AE		Single	IPAK (TO-251)	N	800	30									1.35		11	3	6	4.4	62.5	2	3.2
SiHU6N62E		Single	IPAK (TO-251)	N	620	30									0.9		17	4	8	6	78	2	1.3
SiHU6N65E		Single	IPAK (TO-251)	N	650	30									0.6		24	6	11	7	78	2	1.4
SiHU6N80AE		Single	IPAK (TO-251)	N	800	30									0.95		15	4	7	5	62.5	2	2
SiHU6N80E		Single	IPAK (TO-251)	N	800	30									0.94		22	5	8	5.4	78	2	1
SiHU7N60E		Single	IPAK (TO-251)	N	600	30									0.6		20	5	9	7	78	2	1.1
SiHW21N80AE		Single	TO-247AD	N	800	30									0.235		48	9	22	17.4	179	2	0.55
SiHW33N60E		Single	TO-247AD	N	600	30									0.099		100	24	42	33	278	2	0.7
SiHW47N60E		Single	TO-247AD	N	600	30									0.064		148	29	57	47	357	2	0.65
SiHW47N60EF		Single	TO-247AD	N	600	30									0.065		152	32	62	47	379	2	0.46
SiHW61N65EF		Single	TO-247AD	N	650	30									0.047		247	65	93	64	520	2	1
SiHW70N60EF		Single	TO-247AD	N	600	30									0.038		253	62	102	70	520	2	1.1

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiJ128LDP		Single	PowerPAK SO-8L	N	80	20						0.0203			0.0156	9.5	20	3.8	2.8	25.5	22.3	1	0.87
SiJ150DP		Single	PowerPAK SO-8L	N	45	20						0.0041			0.00283	21.4	46.7	11.1	3.6	110	65.7	1.1	1.15
SiJ186DP		Single	PowerPAK SO-8L	N	60	20							0.0078	0.0054	0.0045		24.5	6.5	4.5	79.4	57	2	0.85
SiJ188DP		Single	PowerPAK SO-8L	N	60	20								0.0049	0.00385		29	6.8	5	92.4	65.7	2	0.9
SiJ438ADP		Single	PowerPAK SO-8L	N	40	20						0.00175			0.00135	49	108	25.3	8.3	169	69.4	1.1	1.2
SiJ438DP		Single	PowerPAK SO-8L	N	40	20						0.00175			0.00135	58	121	22.6	13.5	80	69.4	1.1	1.1
SiJ450DP		Single	PowerPAK SO-8L	N	45	20						0.00265			0.0019	34	75.5	17	4.5	113	48	1	1.2
SiJ462ADP		Single	PowerPAK SO-8L	N	60	20						0.011			0.0072	9.6	19.8	3.8	2.9	39.3	22.3	1	0.85
SiJ462DP		Single	SO-8L	N	60	20						0.0125	0.01		0.008	9.3	20.8	4.1	2.3	46.5	31.2	1.4	2.3
SiJ470DP		Single	PowerPAK SO-8L	N	100	20								0.01	0.0091		36.9	7.9	9.2	58.8	56.8	2.3	1.35
SiJ478DP		Single	PowerPAK SO-8L	N	80	20						0.0115	0.0088		0.008	17.1	35.5	5.3	7.3	60	62.5	1.4	1.3
SiJ482DP		Single	PowerPAK SO-8L	N	80	20						0.0095		0.0065	0.0062	24	47	6.6	10.2	60	69.4	1.5	1.1
SiJ494DP		Single	PowerPAK SO-8L	N	150	20								0.0272	0.0232		20.3	5.5	6.7	36.8	69.4	2.5	1.1
SiJA22DP		Single	PowerPAK SO-8L	N	25	20						0.0014			0.00074	39	83	18	9.8	201	48	1.1	1
SiJA52ADP		Single	PowerPAK SO-8L	N	40	20						0.0023			0.00163	32	66	15	4.5	131	48	1.1	1.1
SiJA52DP		Single	PowerPAK SO-8L	N	40	20						0.0023			0.0017	47.5	97.5	19.6	12.5	60	48	1.1	1.1

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiJA54ADP		Single	PowerPAK SO-8L	N	40	20						0.00335			0.0023	21.5	46.5	9.3	4	126	65.7	1	1.1
SiJA54DP		Single	PowerPAK SO-8L	N	40	20						0.0032			0.00235	32	69	13.5	6.9	60	36.7	1.1	1.1
SiJA58ADP		Single	PowerPAK SO-8L	N	40	20						0.00395			0.00265	18.5	40.5	9.3	2.8	109	56.8	1.1	1.4
SiJA58DP		Single	PowerPAK SO-8L	N	40	20						0.0036			0.00265	23	50	10.3	4.3	109	56.8	1.1	1.2
SiJA72ADP		Single	PowerPAK SO-8L	N	40	20						0.00478			0.00342	14.8	33	8.2	2.3	96	56.8	1	1.3
SiJA74DP		Single	PowerPAK SO-8L	N	40	20						0.006			0.00399	12.4	27	6.3	2.1	81.2	46.2	1	1.45
SiJH112E		Single	PowerPAK 8 x 8L	N	100	20								0.0036	0.0028		106	36	23	225	333	2	1.3
SiJH440E		Single	PowerPAK 8 x 8L	N	40	20						0.00115			0.00096	127	279	64	24.5	200	158	1	1.7
SiJH5100E		Single	PowerPAK 8 x 8L	N	100	20								0.00214	0.00189		85	31	5.3	277	333	2	1.6
SiJH5700E		Single	PowerPAK 8 x 8L	N	150	20								0.0044	0.0041		93	36	8	174	333	2	1.8
SiJH5800E		Single	PowerPAK 8 x 8L	N	80	20								0.00158	0.00135		103	35	11	302	333	2	1.7
SiJH600E		Single	PowerPAK 8 x 8L	N	60	20								0.00115	0.00092		141	42	20	373	333	2	1.2
SiJH800E		Single	PowerPAK 8 x 8L	N	80	20								0.0018	0.00155		140	46	22	299	333	2	1.1
SiR104ADP		Single	PowerPAK SO-8	N	100	20								0.0072	0.0061		46.1	15.4	7.1	81	100	2	0.9
SiR104DP		Single	PowerPAK SO-8	N	100	20								0.0074	0.0064		56	17.5	7	79	100	2	0.9
SiR104LDP		Single	PowerPAK SO-8	N	100	20						0.0077			0.0061	33	73	13.8	6.5	81	100	1	0.9

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiR106ADP		Single	PowerPAK SO-8	N	100	20								0.009	0.008		34.5	12	5.3	65.8	83.3	2	0.8
SiR108DP		Single	PowerPAK SO-8	N	100	20								0.016	0.0135		27.5	6.7	3.9	45	65.7	2	0.9
SiR112DP		Single	PowerPAK SO-8	N	40	20						0.00265			0.00196	28.7	59	10.2	7.6	133	62.5	1.1	1
SiR120DP		Single	PowerPAK SO-8	N	80	20								0.0045	0.00355		62.5	17.4	10.5	106	100	2	0.9
SiR122DP		Single	PowerPAK SO-8	N	80	20								0.009	0.0074		29	10	4.8	59.6	65.7	2	0.81
SiR122LDP		Single	PowerPAK SO-8	N	80	20							0.009		0.00735	15.7	34.6	8.2	3.3	62.3	65.7	1	0.87
SiR124DP		Single	PowerPAK SO-8	N	80	20								0.0103	0.0084		26	7.4	4.5	56.8	62.5	2	0.81
SiR140DP		Single	PowerPAK SO-8	N	25	20						0.0009			0.00067	52.8	113	17.6	10.7	100	104	1	0.38
SiR150DP		Single	PowerPAK SO-8	N	45	20						0.00397			0.00271	21.4	46.7	11.1	3.6	110	65.7	1.1	1.15
SiR158DP		Single	PowerPAK SO-8	N	30	20						0.0023			0.0018	41.5	87	10.6	13.8	60	83	1.2	0.7
SiR164ADP		Single	PowerPAK SO-8	N	30	20						0.0032			0.0022	22.5	51	8.6	4	40	62.5	1.1	1.25
SiR165DP		Single	PowerPAK SO-8	P	-30	20						0.0075			0.0046	44	92	12	14	-60	65.8	-1	1.6
SiR166DP		Single	PowerPAK SO-8	N	30	20						0.004			0.0032	25	51	6.5	8.5	40	48	1.2	1.5
SiR167DP		Single	PowerPAK SO-8	P	-30	25						0.0093			0.0055	36	74	12.1	12.3	-60	65.8	-1	1.6
SiR170DP		Single	PowerPAK SO-8	N	100	20						0.00585			0.0048	42	93	17	8.7	95	104	1	0.9
SiR172ADP		Single	PowerPAK SO-8	N	30	20						0.0105			0.0085	12.8	29	3.8	4.1	24	29.8	1.2	1.2

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiR178DP		Single	PowerPAK SO-8	N	20	-8				0.0012		0.0005			0.0004	95	207	26.6	18.219	430	104	0.6	0.94
SiR180ADP		Single	PowerPAK SO-8	N	60	20								0.0028	0.0022		46.2	15.8	7.1	137	83.3	2	0.9
SiR180DP		Single	PowerPAK SO-8	N	60	20								0.0025	0.00205		58	15.4	7.7	60	83.3	2	0.9
SiR182DP		Single	PowerPAK SO-8	N	60	20								0.0038	0.0028		42.2	12.2	6.7	117	69.4	2	0.76
SiR182LDP		Single	PowerPAK SO-8	N	60	20						0.00385			0.00275	26	56	11.5	6.4	130	83	1	0.8
SiR184DP		Single	PowerPAK SO-8	N	60	20								0.007	0.0058		21	5.1	3.5	73	62.5	2	0.75
SiR184LDP		Single	PowerPAK SO-8	N	60	20						0.0083			0.0054	12.3	27	6	2.65	73	56.8	1	0.75
SiR186DP		Single	PowerPAK SO-8	N	60	20							0.0078	0.0054	0.0045		24.5	6.5	4.5	60	57	2	0.85
SiR186LDP		Single	PowerPAK SO-8	N	60	20						0.0063			0.0044	15.2	31.5	6.2	4.5	80.3	57	1	0.85
SiR188DP		Single	PowerPAK SO-8	N	60	20								0.0049	0.00385		29	6.8	5	60	65.7	2	0.9
SiR188LDP		Single	PowerPAK SO-8	N	60	20						0.0052			0.00375	16	34.6	7.3	3.7	93.6	65.7	1	0.85
SiR401DP		Single	PowerPAK SO-8	P	-20	12				0.0077		0.0042			0.0032	97	205	15.4	25.6	-50	39	-0.6	3
SiR402DP		Single	PowerPAK SO-8	N	30	20						0.008			0.006	12	28	5.4	4.6	35	36	1	1.2
SiR403EDP		Single	PowerPAK SO-8	P	-30	25						0.0115	0.0082		0.0065		102	16	28	-40	56.8	-1.2	1.3
SiR404DP		Single	PowerPAK SO-8	N	20	12				0.00225		0.00175			0.0016	64.5		11.4	12.1	60	104	0.6	1
SiR410DP		Single	PowerPAK SO-8	N	20	20						0.0063			0.0048	16.7	27	4.5	3.5	35	36	1.2	1.3

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiR416DP		Single	PowerPAK SO-8	N	40	20						0.0042			0.0038	28.2	59	7.7	9	50	69	1.2	1.1
SiR422DP		Single	PowerPAK SO-8	N	40	20						0.008			0.0066	16.1	32	4.5	5.6	40	34.7	1.2	0.8
SiR424DP		Single	PowerPAK SO-8	N	20	20						0.0074			0.0055	9.6	22	3.5	2.9	30	41.7	1	1
SiR426DP		Single	PowerPAK SO-8	N	40	20						0.0125			0.0105	9.3	20.5	3.1	2.5	30	41.7	1.2	0.8
SiR440DP		Single	PowerPAK SO-8	N	20	20						0.002			0.00155	43.5	100	13.5	12.5	60	104	1	1
SiR450DP		Single	PowerPAK SO-8	N	45	20						0.00255			0.0018	34	75.5	17	4.5	113	48	1	1.2
SiR4602LDP		Single	PowerPAK SO-8	N	60	20						0.0125			0.0088	9	19.1	4.4	2.6	52.1	43	1	0.9
SiR4604DP		Single	PowerPAK SO-8	N	60	20							0.0124	0.0095		14.5	4.85	2.6	49.3	41.6	2	0.8	
SiR4604LDP		Single	PowerPAK SO-8	N	60	20						0.0124			0.0089	8.5	18.3	4	2.3	51	41.6	1	0.8
SiR4606DP		Single	PowerPAK SO-8	N	60	20							0.0225	0.0185		8.9	2.5	1.8	16	31.2	2	1.3	
SiR4608DP		Single	PowerPAK SO-8	N	60	20							0.015	0.0118		11.7	4.2	1.9	42.8	39	2	1.5	
SiR4608LDP		Single	PowerPAK SO-8	N	60	20						0.0153			0.0115	7	15	3.1	1.95	43.4	39	1	1.5
SiR462DP		Single	PowerPAK SO-8	N	30	20						0.01			0.0079	8.8	20	3.5	2.2	30	41.7	1	1
SiR466DP		Single	PowerPAK SO-8	N	30	20						0.0051			0.0035	21.5	42.5	6.9	7.1	40	54	1.2	0.8
SiR470DP		Single	PowerPAK SO-8	N	40	20						0.00265			0.0023	45.5	102	13.8	14.4	60	104	1	1
SiR472ADP		Single	PowerPAK SO-8	N	30	20						0.0115			0.009	9	18.5	2.7	2.8	18	14.7	1.1	1.1

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiR500DP		Single	PowerPAK SO-8	N	30	16						0.00068			0.00047	54.3	120	25.6	8.7	350.8	104.1	1	0.9
SiR5102DP		Single	PowerPAK SO-8	N	100	20								0.0056	0.0041		33.7	15.7	1.7	110	104	2	1.15
SiR510DP		Single	PowerPAK SO-8	N	100	20								0.0042	0.0036		54	23.3	3	126	104	2	1.15
SiR512DP		Single	PowerPAK SO-8	N	100	20								0.0051	0.0045		41	17.9	2.3	100	96.2	2	1.05
SiR514DP		Single	PowerPAK SO-8	N	100	20								0.007	0.0058		31	12.4	1.7	84.8	83.3	2	1.05
SiR516DP		Single	PowerPAK SO-8	N	100	20								0.009	0.008		23.6	10.1	1.6	63.7	71.4	2	0.95
SiR5708DP		Single	PowerPAK SO-8	N	150	20								0.027	0.023		12.8	6	1.4	33.8	65.7	2	1.25
SiR570DP		Single	PowerPAK SO-8	N	150	20								0.0085	0.0079		46.9	18.1	4.2	77.4	104	2	1.1
SiR5710DP		Single	PowerPAK SO-8	N	150	20								0.037	0.0315		10	5	1.15	26.8	56.8	2	1.4
SiR5712DP		Single	PowerPAK SO-8	N	150	20								0.0624	0.0555		7.5	3.4	1.2	18	40	2	0.9
SiR572DP		Single	PowerPAK SO-8	N	150	20								0.0115	0.0108		35.9	12.7	3.8	59.7	92.5	2	1.05
SiR574DP		Single	PowerPAK SO-8	N	150	20								0.0143	0.0135		31.5	11.6	3.7	48.1	78	2	1
SiR576DP		Single	PowerPAK SO-8	N	150	20								0.017	0.016		25.2	9.1	2.8	42.2	71.4	2	1
SiR578DP		Single	PowerPAK SO-8	N	150	20								0.01	0.0088		32.5	15.3	3.1	70.2	104	2	1.35
SiR5802DP		Single	PowerPAK SO-8	N	80	20								0.004	0.0029		37.3	16.5	3.2	137.5	104	2	1.1
SiR580DP		Single	PowerPAK SO-8	N	80	20								0.0032	0.0027		50.6	22	3.9	146	104	2	1.1

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiR582DP		Single	PowerPAK SO-8	N	80	20								0.0039	0.0034		44.5	16.3	4.5	116	92.5	2	1.1
SiR584DP		Single	PowerPAK SO-8	N	80	20								0.0047	0.0039		36.7	12.1	3.6	100	83.3	2	1.1
SiR586DP		Single	PowerPAK SO-8	N	80	20								0.0068	0.0058		25.3	9	2.7	78.4	71.4	2	1
SiR588DP		Single	PowerPAK SO-8	N	80	20								0.0093	0.008		18.7	6.6	2.1	59.5	59.5	2	1
SiR606BDP		Single	PowerPAK SO-8	N	100	20								0.0205	0.0174		20	6.45	3.5	38.7	62.5	2	0.76
SiR606DP		Single	PowerPAK SO-8	N	100	20							0.02	0.0175	0.0162		24.3	5.6	4.9	37	44.5	2.4	1.2
SiR608DP		Single	PowerPAK SO-8	N	45	20						0.0018			0.0012	50.5	111	26	7.8	208	104	1.1	0.88
SiR610DP		Single	PowerPAK SO-8	N	200	20								0.0334	0.0319		25	6.4	6.8	35.4	104	2	2.1
SiR616DP		Single	PowerPAK SO-8	N	200	20								0.0535	0.0505		23.7	6.3	6	20.2	52	2	1
SiR618DP		Single	PowerPAK SO-8	N	200	20								0.099	0.095		14.2	3.8	3.4	14.2	48	2	1.1
SiR622DP		Single	PowerPAK SO-8	N	150	20								0.0204	0.0177		20.7	9.2	8.2	51.6	104	2.5	1.8
SiR624DP		Single	PowerPAK SO-8	N	200	20								0.064	0.06		19.5	5.3	5.2	18.6	52	2	1.6
SiR626ADP		Single	PowerPAK SO-8	N	60	20							0.0034	0.0024	0.00175		55	16.7	9.2	165	104	2	0.9
SiR626DP		Single	PowerPAK SO-8	N	60	20							0.0026	0.002	0.0017		68	21	8.2	100	104	2	0.91
SiR626LDP		Single	PowerPAK SO-8	N	60	20						0.0021			0.0015	41	89	17.4	10.8	186	104	1	0.88
SiR632DP		Single	PowerPAK SO-8	N	150	20								0.041	0.0345		14	3.7	3.9	29	69.5	2	1.2

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiR638ADP		Single	PowerPAK SO-8	N	40	20						0.00116			0.00088	53	110	22.5	9.5	100	104	1.1	0.88
SiR638DP		Single	PowerPAK SO-8	N	40	20						0.00116			0.00088	63	136	30.5	10.6	100	104	1.1	0.88
SiR640ADP		Single	PowerPAK SO-8	N	40	20						0.0025			0.002	28.5	60	9.6	5.1	100	104	0.9	1.2
SiR668ADP																							
SiR670DP		Single	PowerPAK SO-8	N	60	20						0.0078	0.006		0.0048	18.5	42	8	5	60	56.8	1.5	1.8
SiR680ADP		Single	PowerPAK SO-8	N	80	20								0.0035	0.00288		55	17	10	125	104	2	0.88
SiR680DP		Single	PowerPAK SO-8	N	80	20								0.0034	0.0029		69.5	19.6	9.1	100	104	2	0.88
SiR680LDP		Single	PowerPAK SO-8	N	80	20						0.00355			0.0028	40.5	90	20	8.8	130	104	1	0.95
SiR681DP		Single	PowerPAK SO-8	P	-80	20						0.0167			0.0112	31.7	69.4	16.6	6.9	-71.9	104	-1.4	1.3
SiR688DP		Single	PowerPAK SO-8	N	60	20						0.006	0.0045		0.0035	20.5	44	8.6	4.7	60	83	1.3	2.2
SiR690DP		Single	PowerPAK SO-8	N	200	20								0.039	0.035		31.9	9.5	7.7	34.4	104	2	1.2
SiR692DP		Single	PowerPAK SO-8	N	250	20								0.067	0.063		25.3	7.9	7.4	24.2	104	2	2
SiR696DP		Single	PowerPAK SO-8	N	125	20								0.0135	0.0115		24.8	7.8	7.6	60	104	2.5	1.9
SiR800ADP		Single	PowerPAK SO-8	N	20	12				0.0046		0.00175			0.00135	18.2	35.2	7.3	3.6	177	62.5	0.6	0.85
SiR800DP		Single	PowerPAK SO-8	N	20	12				0.0034		0.0026			0.0023	41	89	7.4	7.6	50	69	0.6	1.2
SiR804DP		Single	PowerPAK SO-8	N	100	20						0.0103		0.0078	0.0072	24.8	50.8	8.1	10.6	60	104	1.2	2

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiR820DP		Single	PowerPAK SO-8	N	30	20						0.006			0.0046	21.5	50	5.7	7.3	40	27.5	1.2	0.65
SiR826ADP		Single	PowerPAK SO-8	N	80	20						0.0087		0.0059	0.0055	25	57	8.5	10	60	104	1.2	0.95
SiR826BDP		Single	PowerPAK SO-8	N	80	20								0.0062	0.0051		46	13.8	8.3	80.8	83	2	0.75
SiR826LDP		Single	PowerPAK SO-8	N	80	20						0.0062			0.005	28.6	60.5	12.2	7.8	86	83	1	0.8
SiR836DP		Single	PowerPAK SO-8	N	40	20						0.0225			0.019	5.8	11.8	1.6	2.1	21	15.6	1.2	2.4
SiR846BDP		Single	PowerPAK SO-8	N	100	20								0.009	0.008		34.5	12	5.3	65.8	83.3	2	0.8
SiR862DP		Single	PowerPAK SO-8	N	25	20						0.0035			0.0028	28.4	60	9.3	7	50	69	1.2	1.1
SiR870ADP		Single	PowerPAK SO-8	N	100	20						0.0105		0.007	0.0066	25.2	53.5	10	10.6	60	104	1.5	1
SiR870BDP		Single	PowerPAK SO-8	N	100	20						0.0077			0.0061	33	73	13.8	6.5	81	100	1	0.9
SiR871DP		Single	PowerPAK SO-8	P	-100	20						0.028			0.02	26.5	58	12.9	10.2	-48	89	-1.4	3
SiR872ADP		Single	PowerPAK SO-8	N	150	20								0.023	0.018		31.3	8	10	53.7	104	2.5	1
SiR873DP		Single	PowerPAK SO-8	P	-150	20									0.0475		31.8	9.2	9.5	-37	104	-2	3.4
SiR876BDP		Single	PowerPAK SO-8	N	100	20						0.0123			0.0108	19	42.7	9.5	3.1	51.4	71.4	1	0.8
SiR878BDP		Single	PowerPAK SO-8	N	100	20								0.017	0.0144		24.8	7.4	3.8	42.5	62.5	2	0.85
SiR880ADP		Single	PowerPAK SO-8	N	80	20						0.0089		0.0068	0.0063	24	47.5	6.8	10.6	60	83	1.5	1
SiR880BDP		Single	PowerPAK SO-8	N	80	20						0.008			0.0065	19.5	43.5	9.4	4	70.6	71.4	1	0.8

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiR882BDP		Single	PowerPAK SO-8	N	100	20						0.0095			0.0083	24.6	54	11.5	4.7	67.5	83.3	1	0.8
SiRA01DP		Single	PowerPAK SO-8	P	-30	16						0.0082			0.0049	27	56	9.4	8.2	-60	62.5	-1	3.5
SiRA02DP		Single	PowerPAK SO-8	N	30	20						0.0027			0.002	35	76	13	6.4	50	71.4	1.1	1.05
SiRA04DP		Single	PowerPAK SO-8	N	30	20						0.0031			0.00215	22.5	51	8.6	4	40	62.5	1.1	1.25
SiRA06DP		Single	PowerPAK SO-8	N	30	20						0.0035			0.0025	22.5	51	8.6	4	40	62.5	1.1	1.25
SiRA10BDP		Single	PowerPAK SO-8	N	30	20						0.005			0.0036	11.7	24.1	4.2	2.8	60	43	1.2	1.3
SiRA10DP		Single	PowerPAK SO-8	N	30	20						0.005			0.0037	15.4	34	5.8	2.6	60	40	1.1	1.7
SiRA12BDP		Single	PowerPAK SO-8	N	30	20						0.006			0.0043	10	21	4.2	2.6	60	38	1.2	1.4
SiRA12DP		Single	PowerPAK SO-8	N	30	20						0.006			0.0043	13.6	29.5	5.2	2.6	60	31	1.1	1.7
SiRA14BDP		Single	PowerPAK SO-8	N	30	20						0.00702			0.00538	6.6	14	2.93	1.61	64	36	1.1	2.8
SiRA16DP		Single	PowerPAK SO-8	N	30	20						0.0097			0.0068	13.2	31	5.7	2.2	16	29.7	1	1
SiRA18ADP		Single	PowerPAK SO-8	N	30	20						0.0135			0.0087	6.9	14.3	2.8	1.6	30.6	14.7	1.2	1.6
SiRA18BDP		Single	PowerPAK SO-8	N	30	20						0.0105			0.00683	6.2	12.2	2.3	2.3	40	17	1.2	1.5
SiRA18DP		Single	PowerPAK SO-8	N	30	20						0.012			0.0075	6.9	14.3	2.8	1.6	33	14.7	1.2	1.6
SiRA20BDP		Single	PowerPAK SO-8	N	25	16						0.00082			0.00058	54	124	30	6.2	335	104	1	0.9
SiRA20DP		Single	PowerPAK SO-8	N	25	16						0.00082			0.00058	61	134	24	9.2	100	104	1	0.38

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiRA22DP		Single	PowerPAK SO-8	N	25	16						0.00117			0.00076	45.5	102	17	8.3	60	83.3	1	0.5
SiRA24DP		Single	PowerPAK SO-8	N	25	20						0.0024			0.0014	17.2	36.5	7.4	3.3	60	62.5	1	0.75
SiRA26DP		Single	PowerPAK SO-8	N	25	16						0.0039			0.00265	13.2	29	5.4	2.2	60	43.1	1	0.8
SiRA28BDP		Single	PowerPAK SO-8	N	30	20						0.012			0.0075	4.5	9.3	2.2	1.2	38	17	1.2	7
SiRA32DP		Single	PowerPAK SO-8	N	25	16						0.00183			0.0012	24.3	55	9.7	3.5	185	65.7	1	0.75
SiRA50ADP		Single	PowerPAK SO-8	N	40	20						0.0016			0.00104	45	98	23	7	219	100	1	0.7
SiRA50DP		Single	PowerPAK SO-8	N	40	20						0.00145			0.001	59.2	129	25	13	100	100	1	0.7
SiRA52ADP		Single	PowerPAK SO-8	N	40	20						0.0023			0.00163	32	66	15	4.5	131	48	1.1	1.1
SiRA52DP		Single	PowerPAK SO-8	N	40	20						0.0023			0.0017	47.5	97.5	19.6	12.5	60	48	1.1	1.1
SiRA54ADP		Single	PowerPAK SO-8	N	40	20						0.0032			0.0022	21.5	46.7	9.3	4	128	65.7	1	1.1
SiRA54DP		Single	PowerPAK SO-8	N	40	20						0.0032			0.00235	32	69	13.5	6.9	60	36.7	1.1	1.1
SiRA58ADP		Single	PowerPAK SO-8	N	40	20						0.00395			0.00265	18.5	40.5	9.3	2.8	109	56.8	1.1	1.4
SiRA58DP		Single	PowerPAK SO-8	N	40	20						0.0036			0.00265	23	50	10.3	4.3	109	56.8	1.1	1.2
SiRA60DP		Single	PowerPAK SO-8	N	30	20						0.00135			0.00094	38	83	18	4.7	100	57	1.1	0.85
SiRA62DP		Single	PowerPAK SO-8	N	30	16						0.00185			0.0012	28.7	61.5	10	5.8	80	65.7	1	0.7
SiRA64DP		Single	PowerPAK SO-8	N	30	20						0.00286			0.0021	19.7	43	8.1	2.9	60	27.8	1.1	0.8

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiRA66DP		Single	PowerPAK SO-8	N	30	20						0.0031			0.0023	19.2	44	8	2.9	50	62.5	1	1.45
SiRA72DP		Single	PowerPAK SO-8	N	40	20						0.0048			0.0035	19.5	41.5	8.7	4.2	60	56.8	1.1	1.4
SiRA74DP		Single	PowerPAK SO-8	N	40	20						0.0061			0.0042	12.4	27	6.3	2.1	81.2	46.2	1	1.45
SiRA80DP		Single	PowerPAK SO-8	N	30	20						0.00093			0.00062	59.7	125	25.2	12.3	335	104	1	0.4
SiRA84BDP		Single	PowerPAK SO-8	N	30	20						0.0071			0.0046	10.6	20.7	3.6	4.5	70	36	1.2	1.4
SiRA84DP		Single	PowerPAK SO-8	N	30	20						0.0074			0.0046	13	25	4.2	3.4	60	34.7	1.1	1.3
SiRA88BDP		Single	PowerPAK SO-8	N	30	20						0.0105			0.00683	6.2	12.2	2.3	2.3	40	17	1.2	1.5
SiRA88DP		Single	PowerPAK SO-8	N	30	20						0.01			0.0067	8.3	16.8	2.1	2.8	45.5	25	1.1	1.7
SiRA90DP		Single	PowerPAK SO-8	N	30	20						0.00115			0.0008	48	102	22	4.7	100	104	0.8	1.3
SiRA96DP		Single	PowerPAK SO-8	N	30	20						0.012			0.0088	9.9	20.5	4.2	2.5	16	34.7	1	0.73
SiRA99DP		Single	PowerPAK SO-8	P	-30	16						0.00265			0.0017	84	172.5	35.6	27.5	-195	104	-1	1.3
SiRB40DP		DUAL	PowerPAK SO-8	N	40	20						0.0042			0.00325	29.5	61.8	11.3	6.9	30	46.2	1.1	1.3
SiRC04DP																							
SiRC06DP																							
SiRC10DP		Single	PowerPAK SO-8 Single	N	30	20						0.0052			0.0035	11.2	24	4.6	2	60	43	1	1
SiRC16DP		Single plus integrated Schottky	PowerPAK SO-8	N	25	20						0.0014			0.00096	31.5	69	12.1	5.6	60	54.3	1	0.5

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiRC18DP		Single plus integrated Schottky	PowerPAK SO-8	N	30	20						0.00154			0.0011	35	74	11.8	8.4	60	54.3	1	0.5
SiRC540DP		Single	PowerPAK SO-8	N	40	20						0.0016			0.001	37.2	80	15.3	8.8	240	104	1	0.95
SiRS700DP		Single	PowerPAK SO-8S	N	100	20								0.0043	0.0035		86	29	14	127	132	2	1.1
SiS106DN		Single	PowerPAK 1212-8	N	60	20								0.0225	0.0185		8.9	2.5	1.8	16	24	2	1.3
SiS108DN		Single	PowerPAK 1212-8	N	80	20								0.044	0.034		9.2	2.8	1.7	16	24	2	1.3
SiS110DN		Single	PowerPAK 1212-8	N	100	20								0.07	0.054		8.5	2.5	1.5	14.2	24	2	1.3
SiS112LDN		Single	PowerPAK 1212-8	N	100	20						0.135			0.119	2.7	5.9	1.3	0.6	8.8	19.8	1	1.4
SiS126DN		Single	PowerPAK 1212-8	N	80	20								0.0125	0.0102		21.1	6.5	3.4	45.1	52	2	0.76
SiS128LDN		Single	PowerPAK 1212-8	N	80	20						0.0203			0.0156	9.5	20	3.8	2.8	33.7	39	1	0.87
SiS176LDN		Single	PowerPAK 1212-8	N	70	12						0.0109				12.6		3.9	2.3	42.3	39	0.6	0.9
SiS178LDN		Single	PowerPAK 1212-8	N	70	20						0.0135			0.0095	8.7	18.7	3.7	2.3	45.3	39	1	0.9
SiS184DN		Single	PowerPAK 1212-8	N	60	20								0.007	0.0058		21	5.1	3.5	65.3	52	2	0.75
SiS184LDN		Single	PowerPAK 1212-8	N	60	20						0.0083			0.0054	12.3	27	6	2.65	69.4	52	1	0.75
SiS322DNT		Single	PowerPAK 1212-8S	N	30	20						0.012			0.0075	6.9	14.3	2.8	1.6	38.3	19.8	1.2	1.6
SiS406DN		Single	PowerPAK 1212-8	N	30	25						0.0145			0.011	8.4	18.2	2.9	2.4	9	1.5	1	2.2
SiS407ADN		Single	PowerPAK 1212-8	P	-20	8			0.019	0.0122		0.009				63		8.7	25.3	18	39.1	0.4	3.6

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiS407DN		Single	PowerPAK 1212-8	P	-20	8			0.0195	0.0138		0.0095				38		4	10	-25	33	-0.4	4.4
SiS410DN		Single	PowerPAK 1212-8	N	20	20						0.0063			0.0048	16.7	27	4.5	3.5	35	52	1.2	1.3
SiS413DN		Single	PowerPAK 1212-8	P	-30	20						0.0132			0.0094	35.4	73	10.6	11.6	18	52	1	1.6
SiS415DNT		Single	PowerPAK 1212-8S	P	-20	12				0.0095		0.0055			0.004	55.5	117	7.9	12.7	-35	52	-0.4	2.2
SiS427EDN		Single	PowerPAK 1212-8	P	-30	25						0.0213	0.016		0.0106	22.6	43.5	6	11	-50	52	-1.2	1.2
SiS429DNT		Single	PowerPAK 1212-8T	P	-30	20						0.034			0.021	15	32	4	7.5	-20	27.8	-1	5.8
SiS435DNT		Single	Thin PowerPAK 1212-8T	P	-20	8			0.014	0.0083		0.0054				57		7.4	13.1	30	39	0.4	3.8
SiS443DN		Single	PowerPAK 1212-8	P	-40	20						0.016			0.0117	41.5	90	10.6	15.1	-35	52	-1	1.7
SiS447DN		Single	PowerPAK 1212-8	P	-20	12				0.0125		0.009			0.0071	57.5	121	8	13.7	18	52	0.4	1.9
SiS454DN		Single	PowerPAK 1212-8	N	20	20						0.0054			0.0037	18.5	35	5.2	7.4	35	52	1	0.9
SiS4604DN		Single	PowerPAK 1212-8	N	60	20								0.0124	0.0095		14.5	4.9	2.6	44.4	33.7	2	0.85
SiS4604LDN		Single	PowerPAK 1212-8	N	60	20						0.0124			0.0089	8.5	18.3	4	2.3	45.9	33.7	1	0.9
SiS4608DN		Single	PowerPAK 1212-8	N	60	20								0.015	0.0118		11.7	4.2	1.9	35.7	27.1	2	1.5
SiS4608LDN		Single	PowerPAK 1212-8	N	60	20						0.0153			0.0115	7	15	3.1	1.95	36.2	27.1	1	1.5
SiS468DN		Single	PowerPAK 1212-8	N	80	20						0.032		0.021	0.0195	8.7	18.1	2.6	3.9	30	52	1.5	1
SiS472ADN		Single	PowerPAK 1212-8	N	30	20						0.0105			0.0085	12.8	29	3.8	4.1	24	28	1.2	1.2

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiS472BDN		Single	PowerPAK 1212-8	N	30	20						0.0124			0.0075	6.9	14.3	2.8	1.6	38.3	19.8	1.2	1.6
SiS488DN		Single	PowerPAK 1212-8	N	40	20						0.0075			0.0055	9.8	21.3	3.2	2.5	40	52	1.1	0.9
SiS5712DN		Single	PowerPAK 1212-8	N	150	20								0.0624	0.0555		7.5	3.4	1.2	18	39.1	2	0.9
SiS590DN		N- and p-pair	PowerPAK 1212-8	N	100							0.186			0.167	2.3	4.5	1.2	0.5	4	17.9	1.5	1.2
SiS590DN		N- and p-pair	PowerPAK 1212-8	P	-100							0.338			0.251	2.3	11.2	2.4	2.5	4	23.1	-1.5	3.8
SiS606BDN		Single	PowerPAK 1212-8	N	100	20								0.0205	0.0174		20	6.45	3.5	35.3	52	2	0.76
SiS822DNT		Single	PowerPAK 1212-8T	N	30	20						0.03			0.024	3.8	8	1.4	1.1	12	15.6	1	3.2
SiS862ADN		Single	PowerPAK 1212-8	N	60	20						0.011			0.0072	9.6	19.8	3.8	2.9	52	39	1	0.85
SiS862DN		Single	PowerPAK 1212-8	N	60	20						0.0125	0.0105		0.0085	8.7	20.8	4	2	40	52	1.5	0.6
SiS888DN		Single	PowerPAK 1212-8S	N	150	20								0.085	0.058		9.5	2.5	3.6	20.2	52	3	1.3
SiS903DN		Dual	PowerPAK 1212-8	P	-20	8			0.04	0.0261		0.0201				28		3.5	5.6	-6	23	-0.4	11.1
SiS932EDN		Dual	PowerPAK 1212-8	N	30	12				0.026		0.022				9.2		1.9	2	6	23	0.6	3.1
SiS990DN		DUAL	PowerPAK 1212-8	N	100	20							0.105	0.091	0.085		5.2	1.4	1.5	12.1	25	2.5	3.1
SiSA01DN		Single	PowerPAK 1212-8	P	-30	16						0.0082			0.0049	27	56	9.4	8.2	-60		-1	3.5
SiSA04DN		Single	PowerPAK 1212-8	N	30	20						0.0031			0.00215	22.5	51	8.6	4	40	52	1.1	1.25
SiSA10BDN		Single	PowerPAK 1212-8PT	N	30	20						0.005			0.0036	11.7	24.1	4.2	2.8	104	63	1.2	1.3

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiSA12ADN		Single	PowerPAK 1212-8	N	30	20						0.006			0.0043	13.6	29.5	5.2	2.6	25	28	1.1	1.7
SiSA12BDN		Single	PowerPAK 1212-8PT	N	30	20						0.006			0.0043	10	21	4.2	2.6	87	52	1.2	1.4
SiSA14BDN		Single	PowerPAK 1212-8PT	N	30	20						0.00702			0.00538	6.6	14	2.93	1.61	72	45	1.1	2.8
SiSA14DN		Single	PowerPAK 1212-8	N	30	20						0.0085			0.0051		19.4	4	1.8	20	26.5	1.1	1.65
SiSA16DN		Single	PowerPAK 1212-8	N	30	20						0.0097			0.0068	13.2	31	5.7	2.2	16	27.7	1	1
SiSA18ADN		Single	PowerPAK 1212-8	N	30	20						0.012			0.0075	6.9	14.3	2.8	1.6	38.3	19.8	1.2	1.6
SiSA18BDN		Single	PowerPAK 1212-8PT	N	30	20						0.0105			0.00683	6.2	12.2	2.3	2.3	60	36.8	1.2	1.5
SiSA24DN		Single	PowerPAK 1212-8	N	25	20						0.0024			0.0014	17.2	36.5	7.4	3.3	60	52	1	0.75
SiSA26DN		Single	PowerPAK 1212-8	N	25	16						0.0039			0.00265	13.2	29	5.4	3.2	60	39	1	0.8
SiSA35DN		Single	PowerPAK 1212-8	P	-30	20						0.03			0.019	13.5	28	4.4	4.3	-16	24	-1	3.3
SiSA40DN		Single	PowerPAK 1212-8	N	20	12				0.0042		0.00145			0.0011	18.2	35.2	7.3	3.6	162		0.6	0.85
SiSA66DN		Single	PowerPAK 1212-8	N	30	20						0.0031			0.0023	19.2	44	8	2.9	40	52	1	1.45
SiSA72ADN		Single	PowerPAK 1212-8	N	40	20						0.00466			0.00342	14.8	33	8.2	2.3	92	52	1	1.3
SiSA72DN		Single	PowerPAK 1212-8	N	40	20						0.0048			0.0035	19.5	41.5	8.7	4.2	60	52	1.1	1.4
SiSA84DN		Single	PowerPAK 1212-8	N	30	20						0.0074			0.0046	13	25	4.2	3.4	56.5	26.5	1	1.3
SiSA88DN		Single	PowerPAK 1212-8	N	30	20						0.01			0.0067	8.3	16.8	2.1	2.8	40.5	19.8	1.1	1.7

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiSA96DN		Single	PowerPAK 1212-8	N	30	20						0.012			0.0088	9.9	20.5	4.2	2.5	16	26.5	1	0.73
SiSB46DN		DUAL	PowerPAK 1212-8	N	40	20						0.0158			0.01171	6.8	14.2	3	1.5	34	23	1.1	2
SiSC06DN		Single	PowerPAK 1212-8	N	30	20						0.004			0.0027	17.5	38.5	6.3	2.8	40	46.3	1	1.15
SiSF00DN		Common drain	PowerPAK 1212-8SCD	N	30	20						0.0035			0.0025	16.1	35	7	2.5	60	69.4	1	1.5
SiSF02DN		Common drain	PowerPAK 1212-8SCD	N	25	16						0.0028			0.00175	16.9	37	7.6	3	60	69.4	1	1.1
SiSF04DN		Common drain	PowerPAK 1212-8SCD	N	30	16						0.003			0.002	19	40	7.2	4.7	108	69.4	1	1.1
SiSF06DN		Common drain	PowerPAK 1212-8SCD	N	30	20						0.003475			0.00225	14	30	6.1	2.8	101	69.4	1	1.1
SiSF20DN		Common drain	PowerPAK 1212-8SCD	N	60	20						0.00925			0.0065	10.2	22	3.9	2.9	52	69.4	1	0.7
SiSH101DN		Single	PowerPAK 1212-8	P	-30	25						0.013			0.0072	32	68	9	12.2	-35	52	-1.2	1.8
SiSH106DN		Single	PowerPAK 1212-8	N	20	12				0.0098		0.0062				17.5		6.6	2.8	12.5	1.5	0.6	1.4
SiSH108DN		Single	PowerPAK 1212-8	N	20	16						0.0061			0.0049	20		6.3	4.9	14	1.5	1	1.4
SiSH110DN		Single	PowerPAK 1212-8	N	20	20						0.0078			0.0053	14		7	4.5	13.5	1.5	1.5	1.4
SiSH112DN		Single	PowerPAK 1212-8	N	30	12						0.0082			0.0075	18		6.2	3.1	11.3	1.5	0.6	1.2
SiSH114ADN		Single	PowerPAK 1212-8	N	30	20						0.0098			0.0075	10.2	21	3.9	3.2	35	39	1.2	1.6
SiSH129DN		Single	PowerPAK 1212-8	P	-30	20						0.02			0.0114	24.6	47.5	7.7	12	-35	52.1	-1.5	1.8
SiSH402DN		Single	PowerPAK 1212-8	N	30	20						0.008			0.006	12	28	5.4	4.6	35	52	1.15	1.2

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiSH407DN		Single	PowerPAK 1212-8	P	-20	8			0.0195	0.0138		0.0095				38		4	10	-25	33	-0.4	4.4
SiSH410DN		Single	PowerPAK 1212-8	N	20	20						0.0063			0.0048	16.7	27	4.5	3.5	35	52	1.2	1.3
SiSH472DN		Single	PowerPAK 1212-8	N	30	20						0.0124			0.0089	9.8	19.5	3.7	3.7	20	28	1.2	1.2
SiSH536DN		Single	PowerPAK 1212-8SH	N	30	16						0.0046			0.00325	7.6	16.6	3.7	1.4	67.4	26.5	1	0.9
SiSH615ADN		Single	PowerPAK 1212-8	P	-20	12				0.0098		0.006			0.0044	59	122	9.1	14.2	-35	52	-0.4	2.2
SiSH617DN		Single	PowerPAK 1212-8	P	-30	25						0.0222			0.0123	20.5	39	6	11	-35	52	-1.2	2
SiSH625DN		Single	PowerPAK 1212-8	P	-30	20						0.011			0.007	39.5	84.5	11	13.5	-35	52	-1	1.8
SiSH892BDN		Single	PowerPAK 1212-8SH	N	100	20						0.0347			0.0304	8	17.4	3.9	1.9	20	29	1	0.9
SiSHA04DN		Single	PowerPAK 1212-8SH	N	30	20						0.0031			0.00215	22.5	51	8.6	4	40	52	1.1	1.25
SiSHA10DN		Single	PowerPAK 1212-8SH	N	30	20						0.005			0.0037	15.4	34	5.8	2.6	30	39	1.1	1.7
SiSHA12ADN		Single	PowerPAK 1212-8SH	N	30	20						0.006			0.0043	13.6	29.5	5.2	2.6	25	28	1.1	1.7
SiSHA14DN		Single	PowerPAK 1212-8SH	N	30	20						0.0085			0.0051		19.4	4	1.8	20	26.5	1.1	1.65
SiSS02DN		Single	PowerPAK 1212-8S	N	25	16						0.00183			0.0012	24.3	55	9.7	3.5	80	65.7	1	0.75
SiSS04DN		Single	PowerPAK 1212-8S	N	30	16						0.00185			0.0012	28.7	61.5	10	5.8	80	65.7	1	0.7
SiSS05DN		Single	PowerPAK 1212-8S	P	-30	16						0.0058			0.0035	37	76	15.8	12	-108	65.7	-1	3
SiSS06DN		Single	PowerPAK 1212-8S	N	30	20						0.00203			0.00138	24.6	51.1	9.8	4.9	172.6	65.7	1	0.7











Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiSS08DN		Single	PowerPAK 1212-8S	N	25	20						0.00187			0.00123	26.1	54.5	10.8	6.5	195.5	65.7	1	0.65
SiSS10ADN		Single	PowerPAK 1212-8S	N	40	20						0.00395			0.00265	18.5	40.5	9.3	2.8	109	56.8	1.1	1.4
SiSS10DN		Single	PowerPAK 1212-8S	N	40	20						0.0036			0.00265	23	50	10.3	4.3	60	57	1.1	1.2
SiSS12DN		Single	PowerPAK 1212-8S	N	40	20						0.00274			0.00198	28.7	59	10.2	7.6	60	65.7	1.1	1
SiSS22DN		Single	PowerPAK 1212-8S	N	60	20								0.005	0.004		28.8	8.7	5.1	90.6	65.7	2	0.85
SiSS22LDN		Single	PowerPAK 1212-8S	N	60	20						0.0051			0.00365	17.4	37.3	7	4.7	92.5	65.7	1	0.85
SiSS23DN		Single	PowerPAK 1212-8S	P	-20	8			0.0115	0.0063		0.0045				93	195	12	21	50	57	0.4	2.6
SiSS26DN		Single	PowerPAK 1212-8S	N	60	20							0.0078	0.0054	0.0045		24.5	6.5	4.5	60	57	2	0.85
SiSS26LDN		Single	PowerPAK 1212-8S	N	60	20						0.0062			0.0043	15.2	31.5	6.2	4.5	81.2	57	1	0.85
SiSS27ADN		Single	PowerPAK 1212-8S	P	-30	20						0.0081	0.0068		0.0051	36.6	77.5	11.8	11.4	-50	57	-1	3
SiSS27DN		Single	PowerPAK 1212-8S	P	-30	20						0.009	0.007		0.0056	45	92	15	16	50	57	1.2	3
SiSS28DN		Single	PowerPAK 1212-8S	N	25	16						0.00224			0.00152	21.8	48.1	8.6	3.4	60	57	1	0.7
SiSS30ADN		Single	PowerPAK 1212-8S	N	80	20								0.0105	0.0089		19.5	6.2	3.4	54.7	57	2	0.8
SiSS30DN		Single	PowerPAK 1212-8S	N	80	20								0.0103	0.00825		26	7.4	4.5	54.7	57	2	0.81
SiSS30LDN		Single	PowerPAK 1212-8S	N	80	20						0.0122			0.0085	15.2	32.5	6.7	3.9	55.5	57	1	0.82
SiSS32ADN		Single	PowerPAK 1212-8S	N	80	20								0.0087	0.0073		24	7.2	4.3	63	65.7	2	0.9
















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiSS32DN		Single	PowerPAK 1212-8S	N	80	20								0.0087	0.0072		27.6	9.3	4.3	63	65.7	2	0.83
SiSS32LDN		Single	PowerPAK 1212-8S	N	80	20						0.0095			0.0072	17.7	37.5	7.3	4.6	63	65.7	1	0.86
SiSS40DN		Single	PowerPAK 1212-8S	N	100	20							0.026	0.023	0.021	10	16	3.4	4.2	36.5	52	2.3	0.9
SiSS42DN		Single	PowerPAK 1212-8S	N	100	20								0.017	0.0144		24.8	7.4	3.8	40.5	57	2	0.85
SiSS42LDN		Single	PowerPAK 1212-8S	N	100	20						0.018			0.0149	14.6	32	6.4	3.5	39	57	1	0.85
SiSS46DN		Single	PowerPAK 1212-8S	N	100	20								0.0146	0.0128		28	8.8	4.2	45.3	65.7	2	0.85
SiSS50DN		Single	PowerPAK 1212-8S	N	45	20						0.0041			0.00283	21.4	46.7	11.1	3.6	108	65.7	1.1	1.15
SiSS52DN		Single	PowerPAK 1212-8S	N	30	16						0.0019			0.0012	19.9	43.2	9.6	3.9	162	57	1	0.42
SiSS54DN		Single	PowerPAK 1212-8S	N	30	16						0.0015			0.00106	21	47.5	11.3	3	185.6	65.7	1	0.75
SiSS5708DN		Single	PowerPAK 1212-8S	N	150	20								0.027	0.023		12.8	6	1.4	33.8	65.7	2	1.25
SiSS5710DN		Single	PowerPAK 1212-8S	N	150	20								0.037	0.0315		10	5	1.15	26.2	54.3	2	1.4
SiSS588DN		Single	PowerPAK 1212-8S	N	80	20								0.0093	0.008		18.7	6.6	2.1	58.1	56.8	2	1
SiSS60DN		Single	PowerPAK 1212-8S	N	30	16						0.00201			0.00131	25.9	57	12.6	5.6	181.8	65.8	1	0.6
SiSS61DN		Single	PowerPAK 1212-8S	P	-20	8			0.0098	0.0052		0.0035				86		17.3	18.4	-111.9	65.8	-0.4	1.6
SiSS63DN		Single	PowerPAK 1212-8S	P	-20	12				0.007		0.0036			0.0027	72.2		17.7	22	-127.5	65.8	-0.5	1.5
SiSS64DN		Single	PowerPAK 1212-8S	N	30	20						0.00286			0.0021	21	45	10.5	2.7	40	57	1.1	0.8

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiSS65DN		Single	PowerPAK 1212-8S	P	-30	20						0.0075			0.0046	44	92	12	14	-94	65.8	-1	1.6
SiSS66DN		Single	PowerPAK 1212-8S	N	30	20						0.00219			0.00138	24.7	57	11.2	5.8	178.3	65.8	1	0.6
SiSS67DN		Single	PowerPAK 1212-8S	P	-30	25						0.0093			0.0055	36	74	12.1	12.3	-60	65.8	-1	1.6
SiSS70DN		Single	PowerPAK 1212-8S	N	125	20									0.0298		10.2	3.2	2.7	31	65.8	2.5	1.2
SiSS71DN		Single	PowerPAK 1212-8S	P	-100	20						0.082			0.059	10	20	3.4	4.4	-23	57	-1.5	5.7
SiSS72DN		Single	PowerPAK 1212-8S	N	150	20									0.042		10.85	3	3	25.5	65.8	2	1.2
SiSS73DN		Single	PowerPAK 1212-8S	P	-150	20									0.125		14.6	4.8	4.5	-16.2	65.8	-2	2.6
SiSS76LDN		Single	PowerPAK 1212-8S	N	70	12						0.00625				22.3		5.4	4.2	67.4	57	0.4	0.8
SiSS78LDN		Single	PowerPAK 1212-8S	N	70	20						0.0078			0.0058	15	32	6.9	3.9	66.7	57	1	0.82
SiSS80DN		Single	PowerPAK 1212-8S	N	20	12				0.003		0.00115			0.00092	36	81	13.6	5.5	210	65	0.6	0.8
SiSS92DN		Single	PowerPAK 1212-8S	N	250	20								0.19	0.173		10.4	3	3.3	12.3	65.8	2	2.4
SiSS94DN		Single	PowerPAK 1212-8S	N	200	20								0.078	0.075		14	3.5	3.8	19.5	65.8	2	2.3
SiSS98DN		Single	PowerPAK 1212-8S	N	200	20								0.11	0.105		12.1	2.9	2.9	14.1	57	2	1.9
SiUD401ED		Single	PowerPAK 0806	P	-30	12				3.5		1.85			1.573	0.44	1.3	0.13	0.16	-0.5	1.25	-0.6	70
SiUD402ED		Single	PowerPAK 0806	N	20	8		1.80	1.1	0.87		0.73				0.5		0.09	0.09	1	1.25	0.4	24
SiUD403ED		Single	PowerPAK 0806	P	-20	8		4.4	2.7	1.7		1.25				0.64		0.13	0.1	-0.5	1.25	-0.4	74

















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiUD406ED																							
SiUD412ED		Single	PowerPAK 0806	N	12	5	2.5	1.2	0.55	0.4		0.34				0.47		0.04	0.09	0.5	1.25	0.35	15
SiZ200DT		Dual	PowerPAIR 3 x 3S	N	30	20						0.0073			0.0055	8.4	18.3	3.7	1	61	33	1.1	1.4
SiZ200DT		Dual	PowerPAIR 3 x 3S	N	30	20						0.0077			0.0058	9.2	20	4.5	1	60	33	1.1	1
SiZ240DT		Dual	PowerPAIR 3 x 3S	N	40	20						0.01225			0.00805	6.9	15.2	4.2	1	48	33	1.1	2.3
SiZ240DT		Dual	PowerPAIR 3 x 3S	N	40	20						0.0133			0.00841	6.5	14.2	3.9	1	47	33	1.1	2.3
SiZ250DT		Dual	PowerPAIR 3 x 3S	N	60	20						0.01811			0.0122	6.2	13.5	3.2	1.7	38	33	1.1	1.3
SiZ250DT		Dual	PowerPAIR 3 x 3S	N	60	20						0.01887			0.0127	6.4	13.4	2.7	1.7	38	33	1.1	0.9
SiZ254DT		Dual	PowerPAIR 3 x 3S	N	70	20						0.0209			0.0161	6.1	13	2.7	1.8	32.5	33	1.1	1.2
SiZ254DT		Dual	PowerPAIR 3 x 3S	N	70	20						0.0209			0.0161	6.1	13	2.5	1.8	32.5	33	1.1	1
SiZ256DT		Dual	PowerPAIR 3 x 3S	N	70	12						0.0176				8.2	18	2.6	1.7	31.8	33	0.5	1.3
SiZ256DT		Dual	PowerPAIR 3 x 3S	N	70	12						0.0176				8.2	18	2.7	1.7	31.8	33	0.5	1
SiZ260DT		Dual	PowerPAIR 3 x 3S	N	80	20						0.031			0.0245	6.2	13.1	2.7	1.78	24.7	33	1.1	1.3
SiZ260DT		Dual	PowerPAIR 3 x 3S	N	80	20						0.031			0.0247	6.3	13.3	2.7	1.9	24.6	33	1.1	1
SiZ270DT		Dual	PowerPAIR 3 x 3S	N	100	20						0.0517			0.0377	6.14	13.3	2.9	1.4	19.5	33	1.1	1.3
SiZ270DT		Dual	PowerPAIR 3 x 3S	N	100	20						0.0541			0.0394	6.2	13.3	2.8	1.6	19.1	33	1.1	1
















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiZ320DT		Dual	PowerPAIR 3 x 3	N	25	16						0.00658			0.00424	7.9	17.8	3.8	1.2	40	31	1.1	1
SiZ320DT		Dual	PowerPAIR 3 x 3	N	25	16						0.0127			0.0083	4.3	9.5	1.8	0.8	30	16.7	1.1	1.3
SiZ322DT		Dual	PowerPAIR 3 x 3	N	25	16						0.009			0.00635	6.2	13.4	2.7	1.1	30	16.7	1	0.8
SiZ328DT		Dual	PowerPAIR 3 x 3	N	25	16						0.025			0.015	2.1	4.6	0.95	0.37	25.3	15	1.1	1.4
SiZ328DT		Dual	PowerPAIR 3 x 3	N	25	16						0.015			0.01	3.5	7.5	1.63	0.54	30	16.2	1.1	0.9
SiZ340ADT		Dual	PowerPAIR 3 x 3	N	30	20						0.0144			0.0094	3.7	8.1	2.4	0.67	33.4	16.7	1.1	1.2
SiZ340ADT		Dual	PowerPAIR 3 x 3	N	30	16						0.0062			0.00429	8.4	18.6	4.6	1.5	69.7	31	1.1	1
SiZ340BDT		Dual	PowerPAIR 3 x 3	N	30	20						0.01403			0.00856	4	8.4	2.2	1	36	16.7	1.1	1
SiZ340BDT		Dual	PowerPAIR 3 x 3	N	30	20						0.0067			0.00431	7.3	15.7	3.9	1.7	69.3	31	1.1	1
SiZ342ADT		Dual	PowerPAIR 3 x 3	N	30	20						0.0144			0.0094	3.7	8.1	2.4	0.67	33.4	16.7	1	1.2
SiZ342DT		Dual	PowerPAIR 3 x 3	N	30	20						0.0153			0.0115	4.5	10	2.1	0.7	30	16.7	1.2	1.4
SiZ346DT		Dual	PowerPAIR 3 x 3	N	30	20						0.037			0.0285	3.2	6.6	1	1.2	17	16	1.1	0.85
SiZ346DT		Dual	PowerPAIR 3 x 3	N	30	20						0.0153			0.0115	4.5	10	2.1	0.7	30	16.7	1.2	1.4
SiZ348DT		Dual	PowerPAIR 3 x 3	N	30	20						0.01019			0.00712	5.7	12.1	2.6	1.1	30	16.7	1	0.8
SiZ350DT		Dual	PowerPAIR 3 x 3	N	30	16						0.00944			0.00675	6.3	13.5	2.8	1.2	30	16.7	1	0.8
SiZ926DT		Dual	PowerPAIR 6 x 5	N	25	16						0.0079			0.0048	5.9	12.5	2.5	1.2	40	20.2	1.1	0.92















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiZ926DT		Dual	PowerPAIR 6 x 5	N	25	16						0.00335			0.0022	12.5	27	5.4	2.1	60	40	1.1	0.6
SiZ980BDT		Dual plus integrated Schottky (SkyFET)	PowerPAIR 6 x 5	N	30	20						0.00712			0.00439	5.7	12	3	1.4	54.8	20	1.2	1.1
SiZ980BDT		Dual plus integrated Schottky (SkyFET)	PowerPAIR 6 x 5	N	30	20						0.00172			0.00106	24.2	52.2	11.7	5.1	197	66	1.1	0.8
SiZ980DT		Dual plus integrated Schottky (SkyFET)	PowerPAIR 6 x 5	N	30	20						0.01			0.0067	5.4	12	3	0.75	20	20	1.2	1.5
SiZ980DT		Dual plus integrated Schottky (SkyFET)	PowerPAIR 6 x 5	N	30	20						0.0022			0.0016	23	51	12.2	2.2	60	66	1.1	1
SiZ988DT		Dual	PowerPAIR 6 x 5	N	30	20						0.012			0.0075	6.9	14.3	2.8	1.6	40	20.2	1.2	1.6
SiZ988DT		Dual	PowerPAIR 6 x 5	N	30	20						0.0052			0.0041	6.9	14.3	5.8	2.6	60	40	1.1	1.7
SiZ998BDT		Dual plus integrated Schottky (SkyFET)	PowerPAIR 6 x 5	N	30	20						0.00712			0.00439	5.7	12	3	1.4	54.8	20	1.2	1.1
SiZ998BDT		Dual plus integrated Schottky (SkyFET)	PowerPAIR 6 x 5	N	30	20						0.0038			0.0024	14.6	31.1	7.1	3.4	94.6	32.9	1.1	0.8
SiZ998DT		Dual plus integrated Schottky (SkyFET)	PowerPAIR 6 x 5	N	30	20						0.01			0.0067	5.4	12	3	0.75	20	20.2	1.1	1.5















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiZ998DT		Dual plus integrated Schottky (SkyFET)	PowerPAIR 6 x 5	N	30	20						0.0038			0.0028	5.4	12	7.1	1.3	60	32.9	1.1	1.1
SiZF300DT		Dual	PowerPAIR 3 x 3F	N	30	20						0.007			0.0045	6.9	14.4	3.1	1.5	75	48	1.1	0.7
SiZF300DT		Dual	PowerPAIR 3 x 3F	N	30	16						0.00257			0.00184	6.9	14.4	7.1	3.8	141	74	1	0.62
SiZF360DT		Dual	PowerPAIR 3 x 3FDC	N	30	20						0.0075			0.0045	6.9	14.4	3.1	1.5	83	52	1.1	0.7
SiZF360DT		Dual	PowerPAIR 3 x 3FDC	N	30	16						0.0026			0.0019	6.9	14.4	7.1	3.8	143	78	1	0.62
SiZF5300DT		Dual	PowerPAIR 3 x 3FS	N	30	16						0.00351			0.00243	9.5	21	5.5	1.7	125	56.8	1	0.9
SiZF5302DT		Dual	PowerPAIR 3 x 3FS	N	30	16						0.0053			0.0032	6.7	14.8	3.8	1.12	100	48.1	1	1.2
SiZF640DT		Dual	PowerPAIR 6 x 5FS	N	40	20						0.0024			0.00137	30	69	21	1.5	159	62.5	1	1.7
SiZF906ADT		Dual	PowerPAIR 6 x 5F	N	30	20						0.0053			0.0038	11	24.5	5.1	1.3	60	38	1.1	1
SiZF906ADT		Dual	PowerPAIR 6 x 5F	N	30	20						0.00158			0.00117	46	100	17.1	7.2	60	83	1.1	0.6
SiZF906BDT		Dual	PowerPAIR 6 x 5F	N	30	20						0.0037			0.0021	11.7	25	5.8	2.9	105	38	1.1	1.2
SiZF906BDT		Dual	PowerPAIR 6 x 5F	N	30	20						0.0013			0.00068	11.7	25	17.8	8.4	257	83	1.1	0.6
SiZF914DT		Dual	PowerPAIR 6 x 5F	N	25	16						0.0015			0.0009	31	65	10.2	6.4	60	60	1.1	0.3
SiZF914DT		Dual	PowerPAIR 6 x 5F	N	25	20						0.0062			0.0038	6.6	14	3.2	1.2	40	26.6	1.1	1
SiZF916DT		Dual	PowerPAIR 6 x 5F	N	30	16						0.00175			0.00125	29.3	62	10.2	5.2	60	60	1.1	0.41














Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SiZF916DT		Dual	PowerPAIR 6 x 5F	N	30	20						0.0068			0.004	7	14.6	3	1.5	40	26.6	1.1	1
SiZF918DT		Dual	PowerPAIR 6 x 5F	N	30	20						0.0068			0.004	7	14.6	3	1.5	40	26.6	1.1	1
SiZF918DT		Dual	PowerPAIR 6 x 5F	N	30	16						0.0027			0.0019	17.4	37	6.1	3.5	60	50	1	0.5
SiZF920DT		Dual	PowerPAIR 6 x 5F	N	30	20						0.0053			0.00307	9	19	4.4	2	76	28	1.1	1
SiZF920DT		Dual	PowerPAIR 6 x 5F	N	30	16						0.00145			0.00105	38.6	83	17	9.2	197	74	1.1	0.4
SiZF928DT		Dual	PowerPAIR 6 x 5F	N	30	16						0.0038			0.00245	8.5	18.5	3.9	1.6	88	28	1	1
SiZF928DT		Dual	PowerPAIR 6 x 5F	N	30	16						0.0012			0.00075	35	77	17	5.2	248	74	1	0.75
SUD08P06-155L-GE3		Single	DPAK (TO-252)	P		20						0.28			0.155		12.5	2.3	3.2	-8.2	20.8	-1	8
SUD09P10-195		Single	DPAK (TO-252)	P	-100	20						0.21			0.195	11.7	23.2	3.5	4.8	8.8	32.1	1	5.7
SUD15N15-95		Single	DPAK (TO-252)	N	150	20							0.1		0.095		20	5.5	7	15	62	2	
SUD19P06-60		Single	DPAK (TO-252)	P	-60	20						0.077			0.06		26	4.5	7		38.5	-1	7
SUD20N10-66L		Single	DPAK (TO-252)	N	100	20						0.08			0.066		19.8	3.6	4.1	16.9	41.7	1.2	2
SUD23N06-31		Single	DPAK (TO-252)	N	60	20						0.045			0.031	6.5	11	3	3	21.4	31.25	1	1.6
SUD25N15-52		Single	DPAK (TO-252)	N	150	20							0.06		0.052		33	9	12	25	136	2	
SUD35N10-26P		Single	DPAK (TO-252)	N	100	20									0.026		31	10	9	35	83	2.5	1.5
SUD40151EL		Single	DPAK (TO-252)	P	-40	20						0.0175			0.012		74.3	12.7	11.1	-42	50	-1.5	4.3




Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SUD40N08-16		Single	DPAK (TO-252)	N	80	20									0.016		42	7	13	40	136	2	
SUD50N04-8m8P		Single	DPAK (TO-252)	N	40	20						0.0105			0.0088	16	37	6.5	4.5	50	48.1	1.5	5.5
SUD50N06-09L		Single	DPAK (TO-252)	N	60	20						0.0122			0.0093		47	10	12	50	136	1	
SUD50P04-08		Single	DPAK (TO-252)	P	-40	20						0.0117			0.0081	60	106	22	27	50	73.5	1	1.8
SUD50P04-09L		Single	DPAK (TO-252)	P	-40	20						0.0145			0.0094		102	18.5	27	-50	136	-1	
SUD50P06-15		Single	DPAK (TO-252)	P	-60	20						0.02			0.015		110	19	28	-50	113	-1	
SUD50P06-15L		Single	DPAK (TO-252)	P	-60	20						0.02			0.015		110	19	28	-50	136	-1	
SUD50P08-25L		Single	DPAK (TO-252)	P	-80	20						0.029			0.0252	55	105	16	26	50	136	1	4
SUD50P10-43L-GE3		Single	DPAK (TO-252)	P	-100	20						0.048			0.043	54	106	14	26	36.4	113.6	1	4
SUD70090E		Single	DPAK (TO-252)	N	100	20									0.0089		33	8.8	7.5	50	125	2	3.5
SUD80460E		Single	DPAK (TO-252)	N	150	20									0.0447		10.5	2.7	3.1	42	65.2	2	7.2
SUD90330E		Single	DPAK (TO-252)	N	200	20								0.0422	0.0375		21	6	5.3	35.8	125	2	3.8
SUG80050E		Single	TO-247	N	150	20								0.0063	0.0054			33	28	100	500	2	3.1
SUG90090E		Single	TO-247	N	200	20								0.0104	0.0095			23	22.7	100	395	2	3.2
SUM10250E		Single	D2PAK (TO-263)	N	250	20								0.032	0.031		57.6	15.1	18.4	63.5	375	2	3.1
SUM110N10-09		Single	D2PAK (TO-263)	N	100	20									0.0095		110	24	24	110	375	2	

Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SUM110P04-05		Single	D2PAK (TO-263)	P	-40	20									0.005		185	48	42	110	375	2	4
SUM110P06-07L		Single	D2PAK (TO-263)	P	-60	20						0.0088			0.0069		230	50	60	110	375	1	3
SUM110P06-08L		Single	D2PAK (TO-263)	P	-60	20						0.0105			0.008		160	40	36	110	272	1	3
SUM110P08-11L		Single	D2PAK (TO-263)	P	-80	20						0.0145			0.0112	85	180	35	42	110	375	1	3.6
SUM40010EL		Single	D2PAK (TO-263)	N	40	20						0.0019			0.0016		150	32	11	120	375	1.2	1.6
SUM40012EL		Single	D2PAK (TO-263)	N	40	20						0.00224			0.00167		130	33.6	6.7	150	150	1	1.8
SUM40014M		Single	D2PAK (TO-263-7L)	N	40	20						0.00136			0.00099		182	41	9	200	375	1.1	2.4
SUM45N25-58		Single	D2PAK (TO-263)	N	250	30							0.062		0.058		95	28	34	45	375	2	1.6
SUM50010E		Single	D2PAK (TO-263)	N	60	20								0.0022	0.00175		141	43.6	19.1	150	375	2	1.2
SUM50020E		Single	D2PAK (TO-263)	N	60	20								0.0024	0.0022		128	44	9	120	375	2	1.6
SUM50020EL		Single	D2PAK (TO-263)	N	60	20						0.0026			0.0021		126	31.2	7.1	120	375	2.5	1.6
SUM55P06-19L		Single	D2PAK (TO-263)	P	-60	20						0.025			0.019		76	16	19	55	125	1	5.2
SUM60020E		Single	D2PAK (TO-263)	N	80	20								0.00247	0.0021		151.2	48.4	24	150	375	2	1.7
SUM60030E		Single	D2PAK (TO-263)	N	80	20								0.0034	0.0032		94	31	10	120	375	2	1.4
SUM60061EL		Single	TO-263	P	-80	20						0.0086			0.0061		145	34	16	-150	375	-1.5	2.3













Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SUM60N10-17		Single	D2PAK (TO-263)	N	100	20							0.019		0.0165		65	25	19	60	150	2	1.5
SUM65N20-30		Single	D2PAK (TO-263)	N	200	20									0.03		90	23	34	65	375	2	
SUM70030E		Single	D2PAK (TO-263)	N	100	20								0.00348	0.00288		142.4	46.8	18.5	150	375	2	1.7
SUM70030M		Single	D2PAK (TO-263-7L)	N	100	20								0.0037	0.0035		142.4	46.8	18.5	150	375	2	1.7
SUM70040M		Single	D2PAK (TO-263)	N	100	20								0.0046	0.0038		76	23	17	120	375	2.5	3.3
SUM70042E		Single	TO-263	N	100	20								0.0045	0.004		84	33.5	9.5	150	278	2	1.3
SUM70060E		Single	D2PAK (TO-263)	N	100	20								0.0062	0.0056		53.5	14.5	13.2	131	375	2	1.9
SUM70090E		Single	D2PAK (TO-263)	N	100	20								0.0093	0.0089		33	8.8	7.5	50	125	2	3.5
SUM70101EL		Single	D2PAK (TO-263)	P	-100	20						0.015			0.0101		125	29	30	-120	375	-1.5	6.5
SUM80090E		Single	D2PAK (TO-263)	N	150	20								0.0105	0.009		63	19.5	20.5	128	375	2	3
SUM85N15-19		Single	D2PAK (TO-263)	N	150	20									0.019		76	21	26	85	375	2	
SUM90100E		Single	TO-263	N	200	20								0.0129	0.0114		72.8	19.4	19	150	375	2	3.5
SUM90140E		Single	D2PAK (TO-263)	N	200	20								0.018	0.017		64	16.7	16.9	90	375	2	3
SUM90142E		Single	D2PAK (TO-263)	N	200	20								0.0165	0.015		58	17.6	17.2	90	375	2	3















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SUM90220E		Single	D2PAK (TO-263)	N	200	20								0.0235	0.0216			8.6	7.6	64	230	2	3
SUM90330E		Single	D2PAK (TO-263)	N	200	20								0.0422	0.0375		21	6	5.3	35.1	125	2	3.8
SUM90N03-2m2P		Single	D2PAK (TO-263)	N	30	20						0.0027			0.0022	81.5	171	34	29	90	250	1.5	1.4
SUM90N10-8m2P		Single	D2PAK (TO-263)	N	100	20									0.0082		97	32	25	90	300	2.5	1.4
SUM90P10-19L		Single	D2PAK (TO-263)	P	-100	20						0.021			0.019	97	217	42	51	90	375	1	3.5
SUP10250E		Single	TO-220	N	250	20								0.0325	0.315		57.6	15.1	18.4	63	375	2	3.1
SUP40010EL		Single	TO-220	N	40	20						0.0021			0.0016		150	32	11	120	375	1.2	1.6
SUP40012EL		Single	TO-220	N	40	20						0.00236			0.00179		130	33.6	6.7	150	150	1	1.8
SUP50010E		Single	TO-220	N	60	20								0.0025	0.002		141	43.6	19.1	150	375	2	1.2
SUP50020E		Single	TO-220AB	N	60	20								0.0027	0.0024		128	44	9	120	375	2	1.6
SUP50020EL		Single	TO-220	N	60	20						0.0028			0.0023		126	31.2	7.1	120	375	2.5	1.6
SUP53P06-20		Single	TO-220AB	P	-60	20						0.025			0.0195	38	76	16	19	-53	104.2	-1	5.2
SUP57N20-33		Single	TO-220	N	200	20									0.033		90	23	34	57	300	2	
SUP60020E		Single	TO-220	N	80	20								0.0028	0.0024		151.2	48.4	24	150	375	2	1.7
















Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SUP60030E		Single	TO-220	N	80	20								0.0036	0.0034		94	31	10	120	375	2	1.4
SUP60061EL		Single	TO-220AB	P	-80	20						0.0081			0.0058		145	34	16	-150	375	-1.5	2.3
SUP70030E		Single	TO-220	N	100	20								0.00384	0.00318		142.4	46.8	18.5	150	375	2	1.7
SUP70042E		Single	TO-220	N	100	20								0.0045	0.004		84	33.5	9.5	150	278	2	1.3
SUP70060E		Single	TO-220	N	100	20								0.0064	0.0058		53.5	14.5	13.2	131	200	2	1.9
SUP70090E		Single	TO-220	N	100	20								0.0093	0.0089		33	8.8	7.5	50	125	2	3.5
SUP70101EL		Single	TO-220AB	P	-100	20						0.015			0.0101		125	29	30	-120	375	-1.5	6.5
SUP80090E		Single	TO-220	N	150	20								0.011	0.0094		63	19.5	20.5	128	375	2	3
SUP85N15-21		Single	TO-220	N	150	20									0.021		75	21	26	85	300	2	
SUP90100E		Single	TO-220	N	200	20								0.0124	0.0109		72.8	19.4	19	150	375	2	3.5
SUP90140E		Single	TO-220	N	200	20								0.018	0.017		64	16.7	16.9	90	375	2	3
SUP90142E		Single	TO-220AB	N	200	20								0.0169	0.0152		58	17.6	17.2	90	375	2	3
SUP90220E		Single	TO-220AB	N	200	20								0.0235	0.0216		31.6	8.6	7.6	64	230	2	3

Series	Product Image	Configuration	Package	Ch	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} @1.2V (Ω)	R _{DS(on)} 1.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @3V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @7.5V (Ω)	R _{DS(on)} @10V (Ω)	Q _g @4.5V (nC)	Q _g @10V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} Min. (V)	R _g Typ. (Ω)
SUP90330E		Single	TO-220AB	N	200	20								0.0422	0.0375		21	6	5.3	35.8	125	2	3.8
TN2404K/TN2404KL /BS107KL		Single	TO-92	N	240	20				6		4			4		4.87	0.56	1.53	0.3	0.8	0.8	
TN2404K/TN2404KL /BS107KL		Single	SOT-23	N	240	20				6		4			4		4.87	0.56	1.53	0.2	0.36	0.8	

















MOSFETS - AUTOMOTIVE

Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQ1421EDH		Single	SC-70	P	-60	20	-1.6	2.7	0.29		0.395					3.6	1.2	1.7	-1.5	6.05
SQ1431EH		Single	SC-70	P	-30	20	-3	3	0.175		0.3					4.2	0.7	1	-1	12.5
SQ1440EH		Single	SC-70	N	60	20	1.7	3.3	0.12		0.15				4.4		0.7	1.3	1.5	4.1
SQ1464EEH		Single	SC-70	N	60	8	0.44	0.43			4.1			1.41		2.7	0.25	0.35	0.45	9
SQ1470AEH		Single	SC-70	N	30	12	1.7	3.3			0.065	0.095				4.2	1.1	0.7	0.6	3.8
SQ1539EH		N- and p-pair	SC-70	N	30	20	0.85	1.5	0.28		0.38					1	0.2	0.4	1	0
SQ1539EH		N- and p-pair	SC-70	P	-30	20	-0.85	1.5	0.94		1.8					1.2	0.3	0.6	-1	0
SQ1563AEH		N- and p-pair	SC-70	N	20	8	0.85	1.5			0.28	0.36	0.45			0.93	0.16	0.38	0.45	3.8
SQ1563AEH		N- and p-pair	SC-70	P	-20	8	-0.85	1.5			0.575	1.3	1.5			1	0.15	0.44	-0.45	3.1
SQ1902AEL		Dual	SC-70	N	20	12	0.78	0.43			0.415	0.6				0.7	0.1	0.1	0.6	9.1
SQ1912AEEH		Dual	SC-70	N	20	12	0.8	1.5			0.28	0.36	0.45			1	0.14	0.27	0.45	3
SQ1912EH		Dual	SC-70	N	20	8	0.8	1.5			0.28	0.36	0.45			0.76	0.13	0.33	0.45	11.1

















Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQ1922AEEH		Dual	SC-70	N	20	12	0.85	1.5			0.3					0.9	0.5	0.3	1.5	8.5
SQ1922EEH		Dual	SC-70	N	20	12	0.84	1.5			0.35	0.6				0.7	0.2	0.2	0.5	9
SQ2301ES		Single	SOT-23	P	-20	8	-3.9	3			0.12	0.18				5	0.7	1.3	-0.45	10
SQ2303ES		Single	SOT-23	P	-30	20	-2.5	1.9	0.17		0.37				4.5		0.8	1.1	-1.5	12.08
SQ2308CES		Single	SOT-23	N	60	20	2.3	2	0.15		0.164				3.5		0.6	0.7	1.5	5.84
SQ2309ES		Single	SOT-23	P	-60	20	-1.7	2	0.335		0.5				5.5		0.8	1.3	-1.5	9.88
SQ2310ES		Single	SOT-23	N	20	8	6	2			0.03	0.034	0.038			4.5	0.4	0.7	0.4	12
SQ2315ES		Single	SOT-23	P	-12	8	-5	2			0.05	0.068	0.1			9	1	2.4	-0.45	4.9
SQ2318AES		Single	SOT-23	N	40	20	8	3	0.031		0.036				8.7		1.4	1.6	1.5	3
SQ2318BES		Single	SOT-23	N	40	20	8	3	0.0263		0.032				6.7		1.4	1.1	1.5	7.1
SQ2319ADS		Single	SOT-23	P	-40	20	-4.6	2.5	0.075		0.145				10.5		1.4	2.7	-1.5	4.3
SQ2325ES		Single	SOT-23	P	-150	20	-0.84	3	1.77						7.4		1.1	2.9	-2.5	3.9
SQ2337ES		Single	SOT-23	P	-80	20	-2.2	3	0.29	0.314					11.5		1.9	3.3	-1.5	4.43
SQ2348ES		Single	SOT-23	N	30	20	8	3	0.024		0.032				7.95		1.6	1.3	1.5	17.3
SQ2351ES		Single	SOT-23	P	-20	12	-3.2	2			0.115	0.205				3.4	0.6	1.1	-0.6	9.6



















Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQ2361ES		Single	SOT-23	P	-60	20	-2.8	2	0.177		0.246				9		1.6	3.3	-1.5	4.1
SQ2362ES		Single	SOT-23	N	60	20	4.3	3	0.068		0.075				7.6		1.1	2.7	1.5	2.7
SQ2364EES		Single	SOT-23	N	60	8	2	3			0.24			0.245		2	0.3	0.6	0.46	4.1
SQ2389ES		Single	SOT-23	P	-40	20	-4.1	3	0.094		0.188				8.2		1.1	3	-1.5	4.1
SQ2398ES		Single	SOT-23	N	100	20	1.6	2	0.3						2.3		0.7	1.1	2.5	5.8
SQ3410EV		Single	TSOP-6	N	30	20	8	5	0.0175		0.0213				14		2.4	2.2	1.5	3.91
SQ3418EV		Single	TSOP-6	N	40	20	8	5	0.032		0.042				8.5		1.1	2	1.5	2
SQ3419AEEV		Single	TSOP-6	P	-40	12	-6.9	5	0.061		0.093					8.4	2.4	4.1	-1.5	5.3
SQ3419EV		Single	TSOP-6	P	-40	20	-6.9	5	0.058		0.092					7.5	2.5	3.9	-1.5	5.3
SQ3425EV		Single	TSOP-6	P	-20	12	-7.4	5			0.06	0.1				6.9	1.2	2.6	-0.6	6.1
SQ3426AEEV		Single	TSOP-6	N	60	20	7	5	0.042		0.063				11.5		1.9	3.5	1.5	3.8
SQ3426CEV		Single	TSOP-6	N	60	20	7	5	0.042		0.063					6.8	2.9	2	1.5	3.1
SQ3426EV		Single	TSOP-6	N	60	20	7	5	0.042		0.063					6.3	2.1	4.1	1.5	3.8
SQ3427AEEV		Single	TSOP-6	P	-60	20	-5.3	5	0.095		0.135				15.3		2.5	5.4	-1.5	5.4
SQ3427EV		Single	TSOP-6	P	-60	20	-5.3	5	0.095		0.135				15.3		2.5	5.4	-1.5	5





















Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQ3456BEV		Single	TSOP-6	N	30	20	7.8	4	0.035		0.052				6	1.2	1	1.5	6.65	
SQ3456CEV		Single	TSOP-6	N	30	20	7.8	4	0.035		0.052				6.2	1.3	1	1.5	5	
SQ3457EV		Single	TSOP-6	P	-30	20	-6.8	5	0.065		0.1				14	2.1	3	-1.5	6.5	
SQ3460EV		Single	TSOP-6	N	20	8	8	3.6			0.03	0.034	0.038			9.3	1.1	1.4	0.4	12.4
SQ3461EV		Single	TSOP-6	P	-12	8	-8	5			0.025	0.032	0.043			21	2.5	7	-0.4	5.7
SQ3469EV		Single	TSOP-6	P	-20	20	-8	5	0.036		0.064				17.7	2.9	3.9	-1.5	0	
SQ3481EV		Single	TSOP-6	P	-30	20	-7.5	4	0.043		0.07				15.4	2.1	3.9	-1.5	11.5	
SQ3493EV		Single	TSOP-6	P	-20	12	-8	5			0.021	0.032				22.7	4.5	6.4	-0.6	5.9
SQ3495EV		Single	TSOP-6	P	-30	12	-8	5			0.021	0.034				29	5.7	8.4	-0.6	5.6
SQ3585EV		Dual	TSOP-6	P	-20	12	-2.5	1.67			0.166	0.318				2.4	0.4	0.7	-0.6	0
SQ3585EV		Dual	TSOP-6	N	20	12	3.57	1.67			0.077	0.12				1.8	0.3	0.4	0.6	0
SQ3985EV		Dual	TSOP-6	P	-20	8	-3.9	3			0.145	0.2	0.3			3.1	0.5	0.9	-0.45	5.5
SQ3987EV		Dual	TSOP-6	P	-30	20	-3	1.67	0.133		0.185				9.7	1.3	2	-1.5	0	
SQ3989EV		Dual	TSOP-6	P	-30	20	-2.5	1.67	0.155		0.3				8.6	1.2	3	-0.6	0	

Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQ4005EY		Single	SO-8	P	-12	8	-15	6			0.016	0.022				29	4.2	8.4	-0.45	2.7
SQ4064EY		Single	SO-8	N	60	20	12	6.8	0.0198		0.0212				29		5.5	3.9	1.5	0.8
SQ4080EY		Single	SO-8	N	150	20	18	7.1	0.085						25		5.2	8.7	2.5	0.4
SQ4153EY		Single	SO-8	P	-12	8	-25	7.1			0.00832	0.01	0.0143			101	15	45	-0.4	2.2
SQ4182EY		Single	SO-8	N	30	20	32	7.1	0.0038		0.005				72		14	8	1.5	1.8
SQ4184EY		Single	SO-8	N	40	20	29	7.1	0.0046		0.0056				72		13	11	1.5	1.6
SQ4282EY		Dual	SO-8	N	30	20	8	3.9	0.0123		0.0135				31.5		6.4	4	1.5	4.91
SQ4284EY		Dual	SO-8	N	40	20	8	3.9	0.0135		0.0148				30		5.5	5	1.5	4.53
SQ4401CEY		Single	SO-8	P	-40	20	-17.3	7.14	0.014		0.023				71		11.4	18.3	-1.5	1.9
SQ4401EY		Single	SO-8	P	-40	20	-17.3	7.14	0.014		0.023				74		11	16	-1.5	0
SQ4410EY		Single	SO-8	N	30	20	15	5	0.012		0.02				35		4.9	5.4	1.5	0
SQ4425EY		Single	SO-8	P	-30	20	-18	6.8	0.012		0.019					33.6	8.6	15.2	-1.5	2.04
SQ4431EY		Single	SO-8	P	-30	20	-10.8	6	0.03		0.052				25		4	5	-1.5	3.36
SQ4435EY		Single	SO-8	P	-30	20	-15	6.8	0.018		0.031				38.3		5.9	9	-1.5	0
SQ4470EY		Single	SO-8	N	60	20	16	7.1	0.012	0.014					45		9.9	11.2	2.5	0.87
SQ4483EY		Single	SO-8	P	-30	20	-30		0.0085		0.02				75		9.5	19	-1.5	2

















Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQ4532AEY		N- and p-pair	SO-8	N	30	20	7.3	3.3	0.031		0.042				5.9		1	1.9	1.5	3.4
SQ4532AEY		N- and p-pair	SO-8	P	-30	20	-5.3	3.3	0.07		0.19				7.9		1.1	2.7	-1.5	5.8
SQ4840CEY		Single	SO-8	N	40	20	20.7	7.1	0.009		0.012				44.8		6.3	11.8	1.5	0.45
SQ4840EY		Single	SO-8	N	40	20	20.7	7.1	0.009		0.012				41		5.5	8.7	1.5	0
SQ4850CEY		Single	SO-8	N	60	20	12	6.8	0.022		0.031				22.3		4.1	5.1	1.5	0.41
SQ4850EY																				
SQ4917CEY		Dual	SO-8	P	-60	20	-7	5	0.051		0.068				36.3		5.3	8.9	-1.5	2.36
SQ4917EY		Dual	SO-8	P	-60	20	-8	5	0.048		0.0612				43.4		4.7	9	-1.5	2.5
SQ4920EY		Dual	SO-8	N	30	20	8	4.4	0.0145		0.0175				19.7		3.8	2.9	1.5	0
SQ4937EY		Dual	SO-8	P	-30	20	-5	3.3	0.075		0.145				9.5		1.7	2.3	-1.5	0
SQ4940AEY		Dual	SO-8	N	40	20	8	4	0.024		0.029				28.4		4	6	1.5	0
SQ4940CEY		Dual	SO-8	N	40	20	8	4	0.024		0.029				11.2		2.3	1.6	1.5	1.18
SQ4946AEY		Dual	SO-8	N	60	20	7	4	0.04		0.055				11.7		1.8	2.8	1.5	0
SQ4946CEY		Dual	SO-8	N	60	20	7	4	0.04		0.055				11.7		1.8	2.8	1.5	0
SQ4949EY		Dual	SO-8	P	-30	20	-7.5	3.3	0.035		0.065				19.5		3.1	4.7	-1.5	0
SQ4961EY		Dual	SO-8	P	-60	20	-4.4	3.3	0.085		0.115				26.5		3.8	5.8	-1.5	0

Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQ7414CENW		Single	PowerPAK 1212-8W	N	60	20	18	62	0.023		0.028				19		2.6	3.6	1.5	1.12
SQ7415AEN		Single	PowerPAK 1212-8	P	-60	20	-16	53	0.065		0.09				25.5		3.6	6.7	-1.5	6
SQ7415CENW		Single	PowerPAK 1212-8W	P	-60	20	-16	53	0.065		0.09				25.5		4.3	6.4	-1.5	5.6
SQ9407EY		Single	SO-8	P	-60	20	-4.6	3.75	0.085		0.115				26.5		3.8	5.8	-1.5	7.1
SQ9945BEY		Dual	SO-8	N	60	20	5.4	4	0.064		0.082				8		1.2	1.7	1.5	0
SQA401CEJW		Single	PowerPAK SC-70W-6L	P	-20	12	-3.75	13.6			0.125	0.219				3.5	0.9	1.2	-0.6	5.6
SQA401EEJ		Single	PowerPAK SC-70	P	-20	8	-2.68	13.6			0.113	0.2				4.2	0.75	1.2	-0.6	8.6
SQA401EJ		Single	PowerPAK SC-70	P	-20	12	-3.75	13.6			0.125	0.205				3.4	0.6	1.1	-0.6	9.6
SQA403EJ		Single	PowerPAK SC-70	P	-30	20	-10	13.6	0.02		0.033				26		4.2	4.7	-1.5	7.6
SQA405CEJW		Single	PowerPAK SC-70W-6L	P	-40	20	-9	13.6	0.0395		0.0545				22.6		4.4	4.1	-1.5	6.6
SQA405EJ		Single	PowerPAK SC-70	P	-40	20	-10	13.6	0.035		0.05				26		4.1	4.8	-1.5	7.4
SQA410CEJW		Single	PowerPAK SC-70W-6L	N	20	8	7.8	13.6			0.028	0.034	0.038			5.1	0.67	0.95	0.4	8.2
SQA410EJ		Single	PowerPAK SC-70	N	20	8	7.8	13.6			0.028	0.034	0.038			5	0.55	0.79	0.45	11.89
SQA411CEJW		Single	PowerPAK SC-70W-6L	P	-60	20	-6.46	13.6	0.155		0.213				10.2		2.2	2.6	-1.5	5.18
SQA413CEJW		Single	PowerPAK SC-70W-6L	P	-20	12	-7.5	13.6			0.038	0.0624				10.1	2.4	3	-0.6	3.2
SQA440CEJW		Single	PowerPAK SC-70W-6L	N	40	20	9	13.6	0.0144		0.02				11.4		2.1	2	1.2	2.4













Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQA442EJ		Single	PowerPAK SC-70	N	60	20	9	13.6	0.032		0.048				7.75		1.53	1.2	1.5	0.41
SQA444CEJW		Single	PowerPAK SC-70W-6L	N	60	20	9	13.6	0.039		0.0526				6		1.52	0.55	1.5	0.45
SQA446CEJW		Single	PowerPAK SC-70W-6L	N	20	12	9	13.6			0.0175	0.024				6.5	1.6	1.6	0.6	1
SQA470EEJ		Single	PowerPAK SC-70	N	30	12	2.25	13.6			0.056	0.07				4.1	0.58	1.1	0.6	3.2
SQA470EJ		Single	PowerPAK SC-70	N	30	12	2.25	13.6			0.065	0.095				4.6	0.65	0.9	0.45	3.6
SQA600CEJW		Single	PowerPAK SC-70W-6L	N	80	20	9	13.6	0.0546		0.07				6		1.6	0.6	1.5	0.9
SQA602CEJW		Single	PowerPAK SC-70W-6L	N	80	20	5.63	13.6	0.094		0.11				5.4		1.15	0.95	1.5	1.26
SQA604CEJW		Single	PowerPAK SC-70W-6L	N	80	20	5.63	13.6	0.08		0.095				6.5		1.3	1.2	1.5	1.24
SQA700CEJW		Single	PowerPAK SC-70W-6L	N	100	20	9	13.6	0.079		0.099				6.2		1.2	1.3	1.5	1.1
SQD07N25-350H		Single	TO-252	N	250	30	7	71	0.35						19		6.5	5	2.5	1
SQD100N02-3m5L		Single	TO-252	N	20	20	100	83	0.0035		0.0045				70		21	11	1.5	2.3
SQD100N03-3m2L		Single	TO-252	N	30	20	100	136	0.0032		0.0039				77		14.3	11	1.5	2.28
SQD100N03-3m4		Single	TO-252	N	30	20	100	136	0.0034						82.7		23.8	14.1	2.5	1.86
SQD100N04-3m6		Single	TO-252	N	40	20	100	136	0.0036						70		16	13	2.5	1.86
SQD100N04-3m6L		Single	TO-252	N	40	20	100	136	0.0036		0.0042				85		14	14	1.5	1.5
SQD10950E		Single	TO-252	N	250	20	11.5	62	0.162						10.6		3.1	2.8	2.5	3.8
SQD10N30-330H		Single	TO-252	N	300	30	10	107	0.33						31		8	9.6	3.4	0.8
SQD15N06-42L		Single	TO-252	N	60	20	15	37	0.042		0				9.5		1.7	2.5	1.5	2.5

















Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQD19P06-60L		Single	TO-252	P	-60	20	-20	46	0.055		0.1				27		3.9	5.9	-1.5	4.7
SQD23N06-31L		Single	TO-252	N	60	20	23	37	0.031		0.045				16		4	3	1.5	1.4
SQD25N06-22L		Single	TO-252	N	60	20	25	62	0.022		0.033				33		5.3	6.8	1.5	1.3
SQD25N15-52		Single	TO-252	N	150	20	25	107	0.052						34		14.5	5.4	2.5	1
SQD30N05-20L		Single	TO-252	N	55	20	30	50	0.02		0.026						4.1	4.8	1.5	2.1
SQD40020E		Single	TO-252	N	40	20	100	107	0.00233						84		29.5	19.5	2.5	2
SQD40020EL		Single	TO-252	N	40	20	100	107	0.0022		0.0027				108		23.3	20	1.2	1.83
SQD40030E		Single	TO-252	N	40	20	100	136	0.0032						65		22	7	2.5	1.49
SQD40031EL		Single	TO-252	P	-30	20	-100	136	0.0032		0.0052				186		28	28	-1.5	3.5
SQD40052EL		Single	TO-252	N	40	20	30	62	0.006		0.0078				34.5		6.1	6.6	1.2	2.91
SQD40061EL		Single	TO-252	P	-40	20	-100	107	0.0051		0.0071				185		25	30	-1.5	3.6
SQD40081EL		Single	TO-252	P	-40	20	-50	71	0.0085		0.0105				138		21	21	-1.5	3.15
SQD40131EL		Single	TO-252	P	-40	20	-50	62	0.0115		0.015				76		11.5	13.5	-1.5	4
SQD40N06-14L		Single	TO-252	N	60	20	40	75	0.014		0.017				34		6	8.5	1.5	1.7
SQD40P10-40L		Single	TO-252	P	-100	20	-38	136	0.04		0.048				96		8.4	23.5	-1	3.13
SQD45P03-12		Single	TO-252	P	-30	20	-50	71	0.01		0.024				55.3		7.3	14	-1.5	2.86
SQD50034E		Single	TO-252	N	60	20	100	107	0.0039						58		24	5	2.5	1.26
SQD50034EL		Single	TO-252	N	60	20	100	107	0.004		0.0052				60		16.3	4.8	1.5	1.24
SQD50N04-5m6		Single	TO-252	N	40	20	50	71	0.0056						55		11	16	2.5	3
SQD50N04-5m6L		Single	TO-252	N	40	20	50	71	0.0056		0.007				46		10	8	1.5	2.8

















Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQD50N06-09L		Single	TO-252	N	60	20	50	136	0.009		0.013				48		7.1	13.5	1.5	1.7
SQD50N10-8m9L		Single	TO-252	N	100	20	50	136	0.0089		0.0112				46		7.5	10	1.5	12.3
SQD50P03-07		Single	TO-252	P	-30	20	-50	136	0.007		0.011				97		7.6	29.1	-1.5	2.85
SQD50P04-09L		Single	TO-252	P	-40	20	-50	136	0.0094		0.019				103		24	16	-1.5	2.8
SQD50P06-15L		Single	TO-252	P	-60	20	-50	136	0.0155		0.02				98		15	21	-1.5	2.9
SQD50P08-25L		Single	TO-252	P	-80	20	-50	136	0.025		0.031				91		8.2	24	-1.5	3.26
SQD50P08-28		Single	TO-252	P	-80	20	-48	136	0.028						95		19	26	-2.5	3.47
SQD70140EL		Single	TO-252	N	100	20	30	71	0.015		0.019				26.5		5.5	5.5	1.5	2.3
SQD90P04-9m4L		Single	TO-252	P	-40	20	-90	136	0.0094		0.016				103		15	21	-1.5	2.8
SQJ110EP		Single	PowerPAK SO-8L	N	100	20	170	500	0.0063						75		20	15	2	0.9
SQJ123ELP		Single	PowerPAK SO-8L	P	-12	8	-238	375			0.004	0.0064	0.0012			120	15	38	-0.45	2.2
SQJ126EP		Single	PowerPAK SO-8L	N	30	20	500	500	0.00094						101		26	24	2.5	1.6
SQJ128ELP		Single	PowerPAK SO-8L	N	30	20	437	500	0.00115		0.00166				99		17	19	1.2	1.3
SQJ136ELP		Single	PowerPAK SO-8L	N	40	20	350	500	0.00112		0.00161				107		17.5	19	1.2	1.48
SQJ138ELP		Single	PowerPAK SO-8L	N	40	20	315	500	0.0015		0.0022				78		15	14	1.2	1.4
SQJ138EP		Single	PowerPAK SO-8L	N	40	20	330	312	0.0018						58		17	9	2.5	2.3
SQJ140ELP		Single	PowerPAK SO-8L	N	40	20	253	255	0.00214		0.00287				58		12	10	1.2	1.6

Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQJ140EP		Single	PowerPAK SO-8L	N	40	20	266	263	0.0021						49.2		14.6	11.8	2.5	1.85
SQJ142EP		Single	PowerPAK SO-8L	N	40	20	167	191	0.0036						32		9	6.7	2.5	3.5
SQJ144EP		Single	PowerPAK SO-8L	N	40	20	130	148	0.0046						26		7.6	5.5	2.5	3.5
SQJ146EP		Single	PowerPAK SO-8L	N	40	20	75	75	0.007						18		6	5	2.5	4
SQJ147ELP		Single	PowerPAK SO-8L	P	-40	20	-90	183	0.0125		0.018				85		14.5	14.8	-1.5	3.9
SQJ148EP		Single	PowerPAK SO-8L	N	40	20	15	45	0.033		0.039				10		1.4	2.2	1.5	4.2
SQJ150EP		Single	PowerPAK SO-8L	N	40	20	66	65	0.0084						15		4.9	3.5	2.5	4.2
SQJ152EP		Single	PowerPAK SO-8L	N	40	20	114	136	0.0051						18		6	4	2.5	6.8
SQJ154EP		Single	PowerPAK SO-8L	N	40	20	243	214	0.0025						43		11	12	2.5	3.7
SQJ158EP		Single	PowerPAK SO-8L	N	60	20	23	45	0.033		0.0365				17		2.5	3.6	1.5	2.1
SQJ160EP		Single	PowerPAK SO-8L	N	60	20	362	500	0.002						79		24	18	2.2	0.9
SQJ164ELP		Single	PowerPAK SO-8L	N	60	20	75	187	0.012		0.013				38		8	6	1.5	1.8
SQJ168ELP		Single	PowerPAK SO-8L	N	60	20	24	29.4	0.036		0.04				13		3	2	1.5	4.2
SQJ174EP		Single	PowerPAK SO-8L	N	60	20	293	500	0.0029						54		21	4	2.5	1.3
SQJ180EP		Single	PowerPAK SO-8L	N	80	20	248	500	0.003						78		18	16	2.2	1
SQJ181ELP		Single	PowerPAK SO-8L	P	-80	20	-128	468	0.0138		0.0204				59		15	7	-1.5	3













Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQJ182EP		Single	PowerPAK SO-8L	N	80	20	210	395	0.005						64		18	15	2.2	0.9
SQJ186EP		Single	PowerPAK SO-8L	N	80	20	60	135	0.015						24		7	6	2.5	1.5
SQJ190ELP		Single	PowerPAK SO-8L	N	100	20	19.6	45	0.05		0.058				14		3.2	2.2	1.5	0.61
SQJ200EP		Dual	PowerPAK SO-8L asymmetric	N	20	20	20	27	0.0088		0.0124				12		1.6	2.5	1	2.3
SQJ200EP		Dual	PowerPAK SO-8L asymmetric	N	20	20	60	48	0.0037		0.005				29		4.1	6	1	2.3
SQJ202EP		Dual	PowerPAK SO-8L asymmetric	N	12	20	20	27	0.0065		0.0093				14.5		1.7	2.1	1	2.6
SQJ202EP		Dual	PowerPAK SO-8L asymmetric	N	12	20	60	48	0.0033		0.0045				35.9		4.1	4.3	1	2.6
SQJ204EP		Dual	PowerPAK SO-8L asymmetric	N	12	12	20	27	0.0083		0.0093				12.3		1.8	2.4	0.5	2.15
SQJ204EP		Dual	PowerPAK SO-8L asymmetric	N	12	12	60	48	0.003		0.0035				32.3		4.9	6.6	0.5	2.15
SQJ208EP		Dual	PowerPAK SO-8L asymmetric	N	40	20	20	27	0.0094		0.01173				22		3.5	3.9	1.3	3.49
SQJ208EP		Dual	PowerPAK SO-8L asymmetric	N	40	20	60	48	0.0039		0.0048				48.2		7.1	8	1.3	3.49
SQJ211ELP		Single	PowerPAK SO-8L	P	-100	20	-33.6	68	0.03		0.0435				45		9.2	8.7	-1.5	2.1
SQJ244EP		Dual	PowerPAK SO-8L	N	40	20	60	48	0.0045		0.006				28.5		5.2	3.3	1.5	1.16

















Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
			asymmetric																	
SQJ244EP		Dual	PowerPAK SO-8L asymmetric	N	40	20	20	27	0.011		0.015				13		2.4	1.5	1.5	1.16
SQJ260EP		Dual	PowerPAK SO-8L asymmetric	N	60	20	54	48	0.0085		0.0115				25		5.4	3	1.5	0.92
SQJ260EP		Dual	PowerPAK SO-8L asymmetric	N	60	20	20	27	0.019		0.024				12		2.6	1.5	1.5	0.92
SQJ262EP		Dual	PowerPAK SO-8L asymmetric	N	60	20	15	27	0.0355		0.048				6.5		1.4	0.9	1.5	1.47
SQJ262EP		Dual	PowerPAK SO-8L asymmetric	N	60	20	40	48	0.0155		0.02				14.5		2.7	2.1	1.5	1.47
SQJ264EP		Dual	PowerPAK SO-8L asymmetric	N	60	20	54	48	0.0086						19.2		6.3	1.5	2.5	0.74
SQJ264EP		Dual	PowerPAK SO-8L asymmetric	N	60	20	20	27	0.02						9.2		3.2	0.8	2.5	0.74
SQJ402EP		Single	PowerPAK SO-8L	N	100	20	32	83	0.011		0.014				34		6	13	1.5	1.39
SQJ403BEEP		Single	PowerPAK SO-8L	P	-30	20	-30	68	0.0085		0.02				75		9.5	19	-1.5	4.3
SQJ403EP		Single	PowerPAK SO-8L	P	-30	20	-30	68	0.0085		0.02				73		11	21	-1.5	2
SQJ407EP		Single	PowerPAK SO-8L	P	-30	20	-60	68	0.0044		0.0071				169		24	32	-1.5	1.05
SQJ409EP		Single	PowerPAK SO-8L	P	-40	20	-60	68	0.007		0.01				170		24	35	-1.5	1.08
SQJ411EP		Single	PowerPAK	P	-12	8	-60	68			0.0058	0.0087				99	12	29	-0.45	1.1

















Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)	
			SO-8L																		
SQJ414EP		Single	PowerPAK SO-8L	N	30	20	30	45	0.012		0.017				15		3	3	1.5	1.5	
SQJ415EP		Single	PowerPAK SO-8L	P	-40	20	-30	45	0.014		0.02				63		9.5	9.5	-1.5	4.6	
SQJ416EP		Single	PowerPAK SO-8L	N	100	20	27	45	0.03						10		3	3	2.5	2.1	
SQJ418EP		Single	PowerPAK SO-8L	N	100	20	48	68	0.014						20		5	4.5	2.5	1.06	
SQJ420EP		Single	PowerPAK SO-8L	N	40	20	30	45	0.01		0.012				27		4.6	4.6	1.5	1.36	
SQJ422EP		Single	PowerPAK SO-8L	N	40	20	75	83	0.0034		0.0043				67		11.25	10.31	1.5	0.63	
SQJ423EP		Single	PowerPAK SO-8L	P	-40	20	-55	68	0.014		0.023				80		10	22	-1.5	1.11	
SQJ431AEP		Single	PowerPAK SO-8L	P	-200	20	-9.4	68	0.305	0.315					55		11	17	-2.5	1.25	
SQJ433EP		Single	PowerPAK SO-8L	P	-30	20	-75	83	0.0081		0.017				72		12	20	-1.5	1.1	
SQJ443EP		Single	PowerPAK SO-8L	P	-40	20	-40	83	0.029		0.047				38		6	9	-1.5	6.62	
SQJ444EP		Single	PowerPAK SO-8L	N	40	20	60	68	0.0032		0.0043				51		9	7	1.5	0.44	
SQJ446EP		Single	PowerPAK SO-8L	N	40	20	60	46	0.005		0.0075				48		7.4	11	1.5	0.6	
SQJ454EP		Single	PowerPAK SO-8L	N	200	20	13	68	0.145		0.15				56		7	15	1.5	0.45	
SQJ457EP																					
SQJ459EP		Single	PowerPAK SO-8L	P	-60	20	-52	83	0.018		0.024				73		10	20	-1.5	1.1	
SQJ460AEP		Single	PowerPAK SO-8L	N	60	20	58	68	0.0087		0.0094				71		9.7	12.5	1.5	1	

















Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQJ464EP		Single	PowerPAK SO-8L	N	60	20	32	45	0.017		0.02				29		4.9	4.9	1.5	0.91
SQJ465EP		Single	PowerPAK SO-8L	P	-60	20	-8	45	0.085		0.115				26.5		3.8	5.8	-1.5	7.18
SQJ474EP		Single	PowerPAK SO-8L	N	100	20	26	45	0.03		0.035				14.5		2.3	2.8	1.5	1.8
SQJ476EP		Single	PowerPAK SO-8L	N	100	20	23	45	0.038		0.05				10		2	2	1.5	2.1
SQJ479EP		Single	PowerPAK SO-8L	P	-80	20	-32	68	0.033		0.044				90		11	24	-1.5	1.16
SQJ481EP		Single	PowerPAK SO-8L	P	-80	20	-16	45	0.08		0.095				33		4.5	7.5	-1.5	2.1
SQJ486EP		Single	PowerPAK SO-8L	N	75	20	30	56	0.026		0.032				22		2.7	5	1.1	0.9
SQJ488EP		Single	PowerPAK SO-8L	N	100	20	42	83	0.021		0.0258				18		2	4.7	1.5	2.2
SQJ500AEP		N- and p-pair	PowerPAK SO-8L	N	40	20	30	48	0.0092		0.0112				25.5		4.4	4.3	1.3	1.37
SQJ500AEP		N- and p-pair	PowerPAK SO-8L	P	-40	20	-30	48	0.027		0.0435				30.2		4.1	7.4	-1.5	6.15
SQJ500EP		N- and p-pair	PowerPAK SO-8L	N	40	20		48	0.014		0.015				31.5		5.7	4.8	1.3	4.11
SQJ500EP		N- and p-pair	PowerPAK SO-8L	P	-40	20		48	0.028		0.042				41.5		5.5	10.5	-1.5	6.3
SQJ504EP		N- and p-pair	PowerPAK SO-8L	P	-40	20	-30	34	0.017		0.023				56		8.5	9.9	-1.5	2.37
SQJ504EP		N- and p-pair	PowerPAK SO-8L	N	40	20	30	34	0.0075		0.011				18		3.5	2.6	1.5	0.72
SQJ560EP		N- and p-pair	PowerPAK SO-8L	P	-60	20	-18	34	0.0526		0.0755				29		5	7	-1.5	2.06
SQJ560EP		N- and p-pair	PowerPAK SO-8L	N	60	20	30	34	0.012		0.016				18		4	2	1.5	0.46

Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQJ570EP		N- and p-pair	PowerPAK SO-8L	N	100	20	15	27	0.045		0.058				9		1.2	1.9	1.5	2.7
SQJ570EP		N- and p-pair	PowerPAK SO-8L	P	-100	20	-9.5	27	0.146		0.2065				12		2	3	-1.5	10.2
SQJ840EP		Single	PowerPAK SO-8L	N	30	20	30	46	0.0093		0.0138				25.3		3.7	5.4	1.2	0
SQJ844AEP		Dual	PowerPAK SO-8L	N	30	20	8	48	0.0166		0.0276				17		3	3	1.5	0
SQJ858AEP		Single	PowerPAK SO-8L	N	40	20	58	48	0.0063		0.0075				36		8	6	1.5	2.97
SQJ860EP		Single	PowerPAK SO-8L	N	40	20	60	48	0.006		0.0073				34		6	7	1.5	2.7
SQJ868EP		Single	PowerPAK SO-8L	N	40	20	58	48	0.00735						36		8	6	2.5	2.2
SQJ872EP		Single	PowerPAK SO-8L	N	150	20	24.5	55	0.0355						14		3.5	4	2.5	0.98
SQJ886EP		Single	PowerPAK SO-8L	N	40	20	60	55	0.0045		0.0055				43		8	7	1.5	2.45
SQJ910AEP		Dual	PowerPAK SO-8L	N	30	20	30	48	0.007		0.0086				25.8		4.3	4.3	1.5	1.38
SQJ912AEP		Dual	PowerPak SO-8L	N	40	20	30	48	0.0093		0.0111				25.6		4	4	1.5	1.44
SQJ912BEP		Dual	PowerPAK SO-8L	N	40	12	30	48	0.011		0.012				40		5	5	1	1.18
SQJ912DEP		Dual	PowerPAK SO-8L	N	40	20	30	27	0.0073		0.0102				24		5	5	1.5	2.8
SQJ914EP		Dual	PowerPAK SO-8L	N	30	20	30	27	0.012		0.017				15		3	3	1.5	1.6
SQJ940EP		Dual	PowerPAK SO-8L asymmetric	N	40	20	18	43	0.0064		0.0076				31.8		5.5	4.7	1.5	2.52
















Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQJ940EP		Dual	PowerPAK SO-8L asymmetric	N	40	20	15	48	0.016		0.0188				13.5		2.24	2.06	1.5	2.52
SQJ942EP		Dual	PowerPAK SO-8L asymmetric	N	40	20	45	48	0.011		0.013				22.5		3.35	3.14	1.3	3.02
SQJ942EP		Dual	PowerPAK SO-8L asymmetric	N	40	20	15	17	0.022		0.026				13.1		2.12	1.84	1.3	3.02
SQJ946EP		Dual	PowerPAK SO-8L	N	40	20	15	27	0.033		0.039				10		1.4	2.2	1.5	4.2
SQJ951EP		Dual	PowerPAK SO-8L	P	-30	20	-30	56	0.017		0.036				33		5.5	9.4	-1.5	6.31
SQJ952EP		Dual	PowerPAK SO-8L	N	60	20	23	25	0.02		0.024				24		5	12	1.5	1.3
SQJ956EP		Dual	PowerPAK SO-8L	N	60	20	23	34	0.0267		0.029				20		3.5	3	1.5	1.7
SQJ960EP		Dual	PowerPAK SO-8L	N	60	20	8	34	0.036		0.046				13		1.6	3	1.5	0
SQJ963EP		Dual	PowerPAK SO-8L	P	-60	20	-8	27	0.085		0.115				26.5		3.8	5.8	-1.5	6.9
SQJ968EP		Dual	PowerPAK SO-8L	N	60	20	23.5	42	0.0336		0.0444				12.3		1.9	2.6	1.5	0
SQJ974EP		Dual	PowerPAK SO-8L	N	100	20	30	48	0.0255		0.0325				15		3	3	1.5	1.41
SQJ980AEP		Dual	PowerPAK SO-8L	N	75	20	17	34	0.05		0.066				14		2.3	2.9	1.5	2.67
SQJ990EP		Dual	PowerPAK SO-8L asymmetric	N	100	20	17	27	0.04		0.0505				10		2	3	1.5	2.5
SQJ990EP		Dual	PowerPAK SO-8L asymmetric	N	100	20	34	48	0.019		0.0235				20		3	5	1.5	2.5



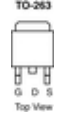
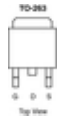


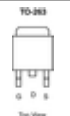
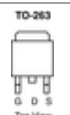
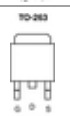


Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQJ992EP		Dual	PowerPAK SO-8L	N	60	20	15	34	0.0562		0.0745				8.1		1.3	1.7	1.5	0
SQJA00EP		Single	PowerPAK SO-8L	N	60	20	30	48	0.013						20		6	3	2.5	0.5
SQJA02EP		Single	PowerPAK SO-8L	N	60	20	75	68	0.0048						51		16	7	2.5	0.41
SQJA04EP		Single	PowerPAK SO-8L	N	60	20	75	68	0.0062						35		10	5	2.5	0.46
SQJA06EP		Single	PowerPAK SO-8L	N	60	20	57	55	0.0087						27		9	3.2	2.5	0.45
SQJA16EP		Single	PowerPAK SO-8L	N	60	20	278	500	0.003		0.0047				56		13	5	1.5	1.3
SQJA20EP		Single	PowerPAK SO-8L	N	200	20	22.5	68	0.05						17.6		4.1	5.3	2.5	1.18
SQJA26EP		Single	PowerPAK SO-8L	N	30	20	410	500	0.00077		0.00128				129		22	25	1.5	1.7
SQJA34EP		Single	PowerPAK SO-8L	N	40	20	75	68	0.0043						31		8.5	6	2.5	0.55
SQJA36EP		Single	PowerPAK SO-8L	N	40	20	350	500	0.00124						86		23.6	6	2.5	1.65
SQJA37EP		Single	PowerPAK SO-8L	P	-30	20	-30	45	0.0092		0.0146				65		9	12	-1.5	4.8
SQJA38EP		Single	PowerPAK SO-8L	N	40	20	60	68	0.0039		0.0048				48.2		7.1	8	1.4	1.1
SQJA42EP		Single	PowerPAK SO-8L	N	40	20	20	27	0.0094		0.01173				22		3.5	3.9	1.3	3.49
SQJA60EP		Single	PowerPAK SO-8L	N	60	20	30	45	0.0125		0.016				18		3.4	2.5	1.5	0.47
SQJA62EP		Single	PowerPAK SO-8L	N	60	20	75	68	0.0045		0.0062				55		12	8	1.5	0.43
SQJA64EP		Single	PowerPAK SO-8L	N	60	20	15	45	0.032						7.6		2.4	1.1	2.5	1.1

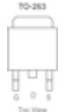
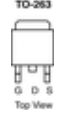














Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQJA66EP		Single	PowerPAK SO-8L	N	60	20	75	68	0.003						64.9		17.4	14.9	2.3	0.52
SQJA68EP		Single	PowerPAK SO-8L	N	100	20	14	45	0.092		0.117				4.7		0.8	1.3	1.5	4
SQJA70EP		Single	PowerPAK SO-8L	N	100	20	14.7	27	0.095						4		1	1.25	2.5	4.9
SQJA72EP		Single	PowerPAK SO-8L	N	100	20	37	55	0.019		0.0235				20		3	5	1.5	1.4
SQJA76EP		Single	PowerPAK SO-8L	N	40	20	75	68	0.0024						66		17	14	2.5	0.76
SQJA78EP		Single	PowerPAK SO-8L	N	80	20	72	68	0.0053						62		16	13	2.3	0.52
SQJA80EP		Single	PowerPAK SO-8L	N	80	20	60	68	0.007		0.01				40		8	6	1.5	0.41
SQJA81EP		Single	PowerPAK SO-8L	P	-80	20	-46	68	0.0173		0.0265				52		13	5	-1.5	1
SQJA82EP		Single	PowerPAK SO-8L	N	80	20	60	68	0.0082		0.0112				40		8.5	5.5	1.5	0.43
SQJA84EP		Single	PowerPAK SO-8L	N	80	20	46	55	0.0125		0.016				21		4	3	1.5	0.4
SQJA86EP		Single	PowerPAK SO-8L	N	80	20	30	48	0.019		0.024				20		3.6	3.2	1.5	0.49
SQJA88EP		Single	PowerPAK SO-8L	N	40	20	30	48	0.007		0.0097				21		5	3	1.5	1.3
SQJA90EP		Single	PowerPAK SO-8L	N	80	20	60	68	0.0076						36		10	6	2.5	0.39
SQJA92EP		Single	PowerPAK SO-8L	N	80	20	57	68	0.0095						30		9	5	2.5	0.45
SQJA94EP		Single	PowerPAK SO-8L	N	80	20	46	55	0.0135						20		6	3	2.5	0.37
SQJA96EP		Single	PowerPAK SO-8L	N	80	20	30	48	0.0215						14		4	3	2.5	0.48












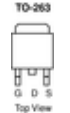
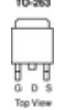
Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQJB00EP		Dual	PowerPAK SO-8L	N	60	20	30	48	0.013						20		6	3	2.5	0.51
SQJB02ELP		Dual	PowerPAK SO-8L	N	40	20	30	27	0.0075		0.01				21		3.5	3.5	1.2	2.62
SQJB04ELP		Dual	PowerPAK SO-8L	N	40	20	30	27	0.011		0.0146				13.1		2.4	2.1	1.2	3.33
SQJB40EP		Dual	PowerPAK SO-8L	N	40	20	30	34	0.008		0.011				20		4.3	2.5	1.2	0.74
SQJB42EP		Dual	PowerPAK SO-8L	N	40	20	30	48	0.0095						17		5	3	2.5	0.64
SQJB44EP		Dual	PowerPAK SO-8L	N	40	20	30	48	0.0052		0.007				33.5		5.7	5.5	1.2	1.55
SQJB46ELP		Dual	PowerPAK SO-8L	N	40	20	30	34	0.008		0.01				26		4.3	4.3	1.2	2.54
SQJB46EP		Dual	PowerPAK SO-8L	N	40	20	30	34	0.008						21		5.8	4.5	2.3	2.54
SQJB48EP		Dual	PowerPAK SO-8L	N	40	20	30	48	0.0052						25.3		7.3	5.1	2.3	1.84
SQJB60EP		Dual	PowerPAK SO-8L	N	60	20	30	48	0.012		0.016				18		3.5	2.5	1.5	0.52
SQJB68EP		Dual	PowerPAK SO-8L	N	100	20	11	27	0.092		0.117				4.7		0.8	1.3	1.5	4
SQJB70EP		Dual	PowerPAK SO-8L	N	100	20	11.3	27	0.095						4		1	1.25	2.5	4.9
SQJB80EP		Dual	PowerPAK SO-8L	N	80	20	30	48	0.019		0.024				20		3.6	3.2	1.5	0.46
SQJB90EP		Dual	PowerPAK SO-8L	N	80	20	30	48	0.0215						14		4	3	2.5	0.41
SQJQ100E		Single	PowerPAK 8 x 8L	N	40	20	200	150	0.0015						125		35	13	2.5	0.99
SQJQ100EL		Single	PowerPAK 8 x 8L	N	40	20	200	150	0.0012		0.0015				140		30	20	1.5	0.99

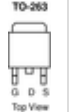

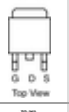












Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQJQ112E		Single	PowerPAK 8 x 8L	N	100	20	296	600	0.00253						181		48	37	2	1.5
SQJQ112ER		Single	PowerPAK 8 x 8LR	N	100	20	296	600	0.00253						181		48	37	2	1.5
SQJQ130EL		Single	PowerPAK 8 x 8L	N	30	20	445	600	0.00052		0.0007				310		53	56	1.5	1.9
SQJQ131EL		Single	PowerPAK 8 x 8L	P	-30	20	-280	600	0.0014		0.0022				487		86	82	-1.5	2.1
SQJQ140E		Single	PowerPAK 8 x 8L	N	40	20	701	600	0.00053						192		55	41	2.3	1.6
SQJQ141EL		Single	PowerPAK 8 x 8L	P	-40	20	-390	600	0.002		0.0029				487		89	82	-1.5	2.2
SQJQ142E		Single	PowerPAK 8 x 8L	N	40	20	460	500	0.00124						92		26	20.1	2	1.59
SQJQ144AE		Single	PowerPAK 8 x 8L	N	40	20	575	600	0.0009						116		36	25	2	1.6
SQJQ144AER		Single	PowerPAK 8 x 8LR	N	40	20	575	600	0.0009						116		36	25	2	1.6
SQJQ148E		Single	PowerPAK 8 x 8L	N	40	20	375	325	0.0016						69		35	24	2	1.6
SQJQ148ER		Single	PowerPAK 8 x 8LR	N	40	20	372	394	0.0015						68		20	15	2	1.6
SQJQ150E		Single	PowerPAK 8 x 8L	N	40	20	233	187	0.0019						61		17	17	2	1.7
SQJQ160E		Single	PowerPAK 8 x 8L	N	60	20	602	600	0.00085						183		53	42	2	1.4
SQJQ184ER		Single	PowerPAK 8 x 8L Reverse	N	80	20	430	600	0.0014						183		47	85	2	1.3
SQJQ186ER		Single	PowerPAK 8 x 8LR	N	80	20	329	600	0.0023						123		36	26	2.5	1.3

















Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQJQ402E		Single	PowerPAK 8 x 8L	N	40	20	200	150	0.0017		0.002				169		32	29	1.5	1.3
SQJQ404E		Single	PowerPAK 8 x 8L	N	40	20	200	150	0.00172						175		46	27	2.5	0.91
SQJQ410EL		Single	PowerPAK 8 x 8L	N	100	20	135	136	0.0034		0.004				97		15	20	1.5	1.92
SQJQ466E		Single	PowerPAK 8 x 8L	N	60	20	200	150	0.0019						135		47	14	2.5	0.9
SQJQ480E		Single	PowerPAK 8 x 8L	N	80	20	150	136	0.003						82		11	21	2.5	0.8
SQJQ900E		Dual	PowerPAK 8 x 8L	N	40	20	100	75	0.0039		0.0047				85		10	12	1.5	1.5
SQJQ904E		Dual	PowerPAK 8 x 8L	N	40	20	100	75	0.0034						60		16	5	2.5	1
SQJQ910EL		Dual	PowerPAK 8 x 8L	N	100	20	70	187	0.0086		0.0114				46		7	10	1.5	1.9
SQJQ936E		Dual	PowerPAK 8 x 8L	N	40	20	100	75	0.0023						75		22	16	2.5	1.9
SQJQ936EL		Dual	PowerPAK 8 x 8L	N	40	20	100	75	0.0023		0.0027				98		16	17	1.5	1.6
SQJQ960EL		Dual	PowerPAK 8 x 8L	N	60	20	63	71	0.009		0.013				19		4	2	1.5	1.6
SQJQ980EL		Dual	PowerPAK 8 x 8L	N	80	20	36	187	0.0135		0.017				26		5	4	1.5	1.1
SQM100N02-3m5L		Single	TO-263	N	20	20	100	150	0.0035		0.0045				70		21	11	1.5	2.3
SQM100N04-2m7		Single	TO-263	N	40	20	100	157	0.0027						95.5		25.5	14.7	2.5	1.48
SQM100N10-10		Single	TO-263	N	100	20	100	375	0.0105		0.012				122		23	28	1.5	1.41

















Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQM100P10-19L		Single	TO-263	P	-100	20	-93	375	0.019		0.0222				220		37	51	-1.5	2.2
SQM10250E		Single	TO-263	N	250	20	65	375	0.03						50		12	15	2.5	2.84
SQM110N05-06L		Single	TO-263	N	55	20	110	157	0.006		0.01				73		14.5	16.8	1.5	1.2
SQM110P06-8m9L		Single	TO-263	P	-60	20	-110	230	0.0089		0.0132				130		25	33	-1.5	2.6
SQM120N02-1m3L		Single	TO-263	N	20	20	120	375	0.0013		0.0017				192		27	31	1.5	1.1
SQM120N03-1m5L		Single	TO-263	N	30	20	120	375	0.0015		0.002				179		34	21	1.5	1.19
SQM120N04-1m7		Single	TO-263	N	40	20	120	375	0.0017						206		50	44	2.5	1.14
SQM120N04-1m7L		Single	TO-263	N	40	20	120	375	0.0017		0.002				190		29	27	1.5	1.07
SQM120N04-1m9		Single	TO-263	N	40	20	120	300	0.0019						180		44	40	2.5	9.13
SQM120N06-06		Single	TO-263	N	60	20	120	230	0.006						96.5		24.6	27.2	2.5	1
SQM120N06-3m5L		Single	TO-263	N	60	20	120	375	0.0035		0.0039				220		35	35	1.5	1.3

Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQM120N10-3m8		Single	TO-263	N	100	20	120	375	0.0038						125		28	46	2.5	3.3
SQM120P04-04L																				
SQM120P06-07L																				
SQM120P10-10m1L		Single	TO-263	P	-100	20	-120	375	0.0101		0.015				125		25	30	-1.5	6.44
SQM200N04-1m7L		Single	TO-263-7L	N	40	20	200	375	0.0017		0.002				194		25	40	1.5	0.8
SQM200N04-1m8		Single	TO-263-7L	N	40	20	200	375	0.0018						206		50	44	2.5	0.8
SQM25N15-52		Single	TO-263	N	150	20	25	107	0.052						34		14.5	5.4	2.5	1
SQM30010EL		Single	TO-263	N	30	20	120	375	0.00135		0.00175				295		59	59	1.5	1.11
SQM35N30-97		Single	TO-263	N	300	20	35	375	0.097						86		16	28	2.5	0.75
SQM40010EL		Single	TO-263	N	40	20	120	375	0.0016		0.0019				150		30	12	1.5	1.62
SQM40016EM		Single	TO-263-7L	N	40	20	250	300	0.001						163		46	36	2.5	2.2
SQM40020E		Single	TO-263	N	40	20	100	150	0.00233						84		29.5	19.5	2.5	1.83
SQM40020EL		Single	TO-263	N	40	20	100	150	0.0022		0.0027				108		23.3	20	1.2	1.83
SQM40022E		Single	TO-263	N	40	20	150	150	0.00163						106		33	21	2.5	2.75
SQM40022EM		Single	TO-263-7L	N	40	20	150	150	0.00163						106		33	21	2.5	2.75
SQM40031EL		Single	TO-263	P	-40	20	-120	375	0.003		0.0038				527		89	100	-1.5	2.26

Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQM40041EL		Single	TO-263	P	-40	20	-120	157	0.0034		0.0048				288		66	52	-1.5	2.65
SQM40061EL		Single	TO-263	P	-40	20	-100	150	0.0051		0.0071				185		25	30	-1.5	3.6
SQM40081EL		Single	TO-263	P	-40	20	-50	107	0.0085		0.0105				153		34	29	-1.5	3.15
SQM40N10-30		Single	TO-263	N	100	20	40	107	0.03	0.034					41		11	11	2.5	1.3
SQM40N15-38		Single	TO-263	N	150	20	40	166	0.038	0.04					46		20	11	2.5	2
SQM40P10-40L		Single	TO-263	P	-100	20	-40	150	0.04		0.048				89		11.6	19.6	-1.5	2.89
SQM50020EL		Single	TO-263	N	60	20	120	375	0.002		0.0025				128		33	11	1.5	1.68
SQM50028EM		Single	TO-263-7L	N	60	20	120	375	0.002						123		40	19	2.5	8.6
SQM50034E		Single	TO-263	N	60	20	100	150	0.0039						58		24	5	2.5	1.26
SQM50034EL		Single	TO-263	N	60	20	100	150	0.0039		0.005				60		16.3	4.8	1.5	1.24
SQM50N04-4m0L		Single	TO-263	N	40	20	50	150	0.004		0.0055				85		14	14	1.5	2.15
SQM50P04-09L		Single	TO-263	P	-40	20	-50	150	0.0094		0.017				96.5		21.4	16.6	-1.5	2.56
SQM50P06-15L		Single	TO-263	P	-60	20	-50	150	0.015		0.022				103		16.6	26.6	-1.5	2.6

Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQM50P08-25L		Single	TO-263	P	-80	20	-50	150	0.025		0.031				91		8.2	24	-1.5	2.99
SQM60030E		Single	TO-263	N	80	20	120	375	0.0032						110		35	15	2.5	1.45
SQM60N06-15		Single	TO-263	N	60	20	56	107	0.015						33		8.9	7.4	2.5	1.6
SQM60N20-35		Single	TO-263	N	200	20	60	375	0.035						90		16	29	2.5	0.8
SQM70060EL		Single	TO-263	N	100	20	75	166	0.0059		0.008				66		14	12	1.5	1.92
SQM90142E		Single	TO-263	N	200	20	95	375	0.0153						55		14	16.5	2.5	2.74
SQS140ENW		Single	PowerPAK 1212-8SLW	N	40	20	214	197	0.00253						38		11	8	2.5	1.1
SQS164ELNW		Single	PowerPAK 1212-8SLW	N	60	20	82	104	0.0074		0.0109				27		5	5	1.5	1
SQS181ELNW		Single	PowerPAK 1212-8SLW	P	-80	20	-55	187	0.031		0.048				30		7	4	-1.5	1.5
SQS201CENW		Single	PowerPAK 1212-8W	P	-100	20	-16	62.5	0.08		0.11				17.4		3.5	3.3	-1.5	9.82
SQS401EN		Single	PowerPAK 1212-8	P	-40	20	-16	62.5	0.029		0.047					17.7	5.6	8.1	-1.5	2.1
SQS405CENW		Single	PowerPAK 1212-8W	P	-12	8	-16	39			0.015	0.022					4	9.6	-0.45	3.1
SQS405EN		Single	PowerPAK 1212-8	P	-12	8	-16	39			0.02	0.026					3.8	8.2	-0.45	2.37
SQS405ENW		Single	PowerPAK 1212-8W	P	-12	8	-16	39			0.02	0.026					3.8	8.2	-0.45	2.4
SQS407ENW		Single	PowerPAK 1212-8W	P	-30	20	-16	62.5	0.0108		0.017				59		8.6	11.5	-1.5	5

Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQS411ENW		Single	PowerPAK 1212-8W	P	-40	20	-16	39.5	0.0273		0.038				38		6	7	-1.5	4.2
SQS414CENW		Single	PowerPAK 1212-8W	N	60	20	18	33	0.023		0.035				8.9		2.4	0.9	1.5	0.38
SQS415ENW		Single	PowerPAK 1212-8W	P	-40	20	-16	62.5	0.0161		0.023				63		9	12	-1.5	4.6
SQS420EN		Single	PowerPAK 1212-8	N	20	8	8	18			0.028	0.032	0.038			9	1.1	1.3	0.45	12
SQS423EN		Single	PowerPAK 1212-8	P	-30	20	-16	62.5	0.021		0.06					17	5.9	9.2	-1.5	3.43
SQS423ENW		Single	PowerPAK 1212-8W	P	-30	20	-16	62.5	0.021		0.06					17	5.9	9.2	-1.5	3.43
SQS460CENW		Single	PowerPAK 1212-8W	N	60	20	8	27	0.03		0.041				7.2		2.15	0.55	1.5	1.27
SQS460EN		Single	PowerPAK 1212-8	N	60	20	8	39	0.036		0.048				13		1.7	3	1.5	0
SQS460ENW		Single	PowerPAK 1212-8W	N	60	20	8	39	0.036		0.048				13		1.7	3	1.5	0
SQS462EN		Single	PowerPAK 1212-8	N	60	20	8	33	0.063		0.082						1.3	1.6	1.5	0
SQS481ENW		Single	PowerPAK 1212-8W	P	-150	20	-4.7	62.5	1.095						8		1.7	2.5	-2.5	4.7
SQS482EN		Single	PowerPAK 1212-8	N	30	20	16	62	0.0085		0.01				26		4.7	4.3	1.5	10
SQS482ENW		Single	PowerPAK 1212-8W	N	30	20	16	62	0.0085		0.01				26		4.7	4.3	1.5	10
SQS484CENW		Single	PowerPAK 1212-8W	N	40	20	16	62.5	0.0095		0.011				27		5	3.6	1.5	8
SQS484EN		Single	PowerPAK 1212-8	N	40	20	16	62	0.009		0.01				25.5		4.8	4	1.5	10
SQS484ENW		Single	PowerPAK 1212-8W	N	40	20	16	62.5	0.008		0.0105				22		4	3	1.5	0.97

Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQS486CENW		Single	PowerPAK 1212-8W	N	40	20	18	62.5	0.0051		0.0073				35.2		6.1	6	1.2	1.63
SQS660CENW		Single	PowerPAK 1212-8W	N	60	20	18	62.5	0.0112		0.016				17.4		4.8	1.1	1.5	0.54
SQS840CENW		Single	PowerPAK 1212-8W	N	40	20	12	33	0.02		0.022				15		2.8	2.9	1.5	3.3
SQS840EN		Single	PowerPAK 1212-8	N	40	20	12	33	0.02		0.03				15		2.8	2.9	1.5	3.28
SQS850EN		Single	PowerPAK 1212-8	N	60	20	12	33	0.0215		0.0261				27.4		4.9	4.6	1.5	1.25
SQS940ELNW		Dual	PowerPAK 1212-8W	N	40	20	6	33	0.0203		0.0246				13		3	3	1.5	5.5
SQS944ENW		Dual	PowerPAK 1212-8W	N	40	20	6	27.8	0.025		0.034				7.6		1.4	1.1	1.5	1.55
SQS966ENW		Dual	PowerPAK 1212-8W	N	60	20	6	27.8	0.036		0.048				6.2		1.4	0.8	1.5	0.9
SQSA12CENW		Single	PowerPAK 1212-8W	N	100	20	18	62.5	0.022		0.025				31		6	5	1.5	0.5
SQSA70CENW		Single	PowerPAK 1212-8W	N	150	20	18	62.5	0.0685						8		2.1	2.1	2.5	1.61
SQSA80ENW		Single	PowerPAK 1212-8W	N	80	20	18	62.5	0.021		0.027				17		3	2	1.5	0.45
SQSA82CENW		Single	PowerPAK 1212-8W	N	80	20	12	27	0.046		0.07				6.4		1.65	0.66	1.5	0.98
SQSA84CENW		Single	PowerPAK 1212-8W	N	80	20	16	27	0.032		0.037				14.1		2.6	2.6	1.5	0.72
SQUN700E		N- and p-pair	Triple die	P	-40	20	-30	48	0.03		0.048				30.2		4.1	7.4	1.5	
SQUN700E		N- and p-pair	Triple die	N	200	20	16	50	0.075						11		3.2	3	2.5	
SQUN700E		N- and p-pair	Triple die	N	40	20	30	48	0.0092		0.0135				23		4.4	4.3	1.5	

Series	Product Image	Configuration	Package	Channel	V _{DS} (V)	V _{GS} (V)	I _D Max. (A)	P _D Max. (W)	R _{DS(on)} @10V (Ω)	R _{DS(on)} @6V (Ω)	R _{DS(on)} @4.5V (Ω)	R _{DS(on)} @2.5V (Ω)	R _{DS(on)} @1.8V (Ω)	R _{DS(on)} @1.5V (Ω)	Q _g @10V (nC)	Q _g @4.5V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	V _{GS} (th) Min. (V)	R _g Typ. (Ω)
SQUN702E		N- and p-pair	Triple die	P	-40	20	-30	48	0.03		0.048				30.2		4.1	7.4	1.5	
SQUN702E		N- and p-pair	Triple die	N	200	20	20	60	0.06						14		4.4	5	2.5	
SQUN702E		N- and p-pair	Triple die	N	40	20	30	48	0.0092		0.0135				23		4.4	4.3	1.5	
SQW33N65EF		Single	TO-247AD	N	650	30	34	375	0.109						115		26	44	2	0.9
SQW44N65EF		Single	TO-247AD	N	650	30	47	500	0.073						177		46	68	2	1
SQW61N65EF		Single	TO-247AD	N	650	30	62	625	0.052						229		53	91	2	1

MOSFETS - MEDICAL - AEC-Q101 ~ UPGRADABLE TO SMM

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQ1421EDH	SC-70	Single	P	-60.0	20	0.29	0.395			3.6		1.2	1.7	-1.6	2.7	-1.5	6.05
SQ1431EH	SC-70	Single	P	-30.0	20	0.175	0.3			4.2		0.7	1.0	-3.0	3.0	-1.0	12.5
SQ1440EH	SC-70	Single	N	60.0	20	0.12	0.15				4.4	0.7	1.3	1.7	3.3	1.5	4.1
SQ1464EEH	SC-70	Single	N	60.0	8		4.1			2.7		0.25	0.35	0.44	0.43	0.45	9.0
SQ1470AEH	SC-70	Single	N	30.0	12		0.065	0.095		4.2		1.1	0.7	1.7	3.3	0.6	3.8
SQ1902AEL	SC-70	Dual	N	20.0	12		0.415	0.6		0.7		0.1	0.1	0.78	0.43	0.6	9.1
SQ1912AEEH	SC-70	Dual	N	20.0	12		0.28	0.36	0.45	1.0		0.14	0.27	0.8	1.5	0.45	3.0
SQ1912EH	SC-70	Dual	N	20.0	8		0.28	0.36	0.45	0.76		0.13	0.33	0.8	1.5	0.45	11.1
SQ1922AEEH	SC-70	Dual	N	20.0	12		0.3			0.9		0.5	0.3	0.85	1.5	1.5	8.5
SQ1922EEH	SC-70	Dual	N	20.0	12		0.35	0.6		0.7		0.2	0.2	0.84	1.5	0.5	9.0
SQ2301ES	SOT-23	Single	P	-20.0	8		0.12	0.18		5.0		0.7	1.3	-3.9	3.0	-0.45	10.0
SQ2303ES	SOT-23	Single	P	-30.0	20	0.17	0.37				4.5	0.8	1.1	-2.5	1.9	-1.5	12.08
SQ2308CES	SOT-23	Single	N	60.0	20	0.15	0.164				3.5	0.6	0.7	2.3	2.0	1.5	5.84
SQ2309ES	SOT-23	Single	P	-60.0	20	0.335	0.5				5.5	0.8	1.3	-1.7	2.0	-1.5	9.88
SQ2310ES	SOT-23	Single	N	20.0	8		0.03	0.034	0.038	4.5		0.4	0.7	6.0	2.0	0.4	12.0
SQ2315ES	SOT-23	Single	P	-12.0	8		0.05	0.068	0.1	9.0		1.0	2.4	-5.0	2.0	-0.45	4.9
SQ2318AES	SOT-23	Single	N	40.0	20	0.031	0.036				8.7	1.4	1.6	8.0	3.0	1.5	3.0
SQ2318BES	SOT-23	Single	N	40.0	20	0.0263	0.032				6.7	1.4	1.1	8.0	3.0	1.5	7.1
SQ2319ADS	SOT-23	Single	P	-40.0	20	0.075	0.145				10.5	1.4	2.7	-4.6	2.5	-1.5	4.3
SQ2325ES	SOT-23	Single	P	-150.0	20	1.77					7.4	1.1	2.9	-0.84	3.0	-2.5	3.9
SQ2337ES	SOT-23	Single	P	-80.0	20	0.29					11.5	1.9	3.3	-2.2	3.0	-1.5	4.43
SQ2348ES	SOT-23	Single	N	30.0	20	0.024	0.032				7.95	1.6	1.3	8.0	3.0	1.5	17.3
SQ2351ES	SOT-23	Single	P	-20.0	12		0.115	0.205		3.4		0.6	1.1	-3.2	2.0	-0.6	9.6

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQ2361ES	SOT-23	Single	P	-60.0	20	0.177	0.246				9.0	1.6	3.3	-2.8	2.0	-1.5	4.1
SQ2362ES	SOT-23	Single	N	60.0	20	0.068	0.075				7.6	1.1	2.7	4.3	3.0	1.5	2.7
SQ2364EES	SOT-23	Single	N	60.0	8		0.24			2.0		0.3	0.6	2.0	3.0	0.46	4.1
SQ2389ES	SOT-23	Single	P	-40.0	20	0.094	0.188				8.2	1.1	3.0	-4.1	3.0	-1.5	4.1
SQ2398ES	SOT-23	Single	N	100.0	20	0.3					2.3	0.7	1.1	1.6	2.0	2.5	5.8
SQ3410EV	TSOP-6	Single	N	30.0	20	0.0175	0.0213				14.0	2.4	2.2	8.0	5.0	1.5	3.91
SQ3418EV	TSOP-6	Single	N	40.0	20	0.032	0.042				8.5	1.1	2.0	8.0	5.0	1.5	2.0
SQ3419AEEV	TSOP-6	Single	P	-40.0	12	0.061	0.093			8.4		2.4	4.1	-6.9	5.0	-1.5	5.3
SQ3419EV	TSOP-6	Single	P	-40.0	20	0.058	0.092			7.5		2.5	3.9	-6.9	5.0	-1.5	5.3
SQ3425EV	TSOP-6	Single	P	-20.0	12		0.06	0.1		6.9		1.2	2.6	-7.4	5.0	-0.6	6.1
SQ3426AEEV	TSOP-6	Single	N	60.0	20	0.042	0.063				11.5	1.9	3.5	7.0	5.0	1.5	3.8
SQ3426CEV	TSOP-6	Single	N	60.0	20	0.042	0.063			6.8		2.9	2.0	7.0	5.0	1.5	3.1
SQ3426EV	TSOP-6	Single	N	60.0	20	0.042	0.063			6.3		2.1	4.1	7.0	5.0	1.5	3.8
SQ3427AEEV	TSOP-6	Single	P	-60.0	20	0.095	0.135				15.3	2.5	5.4	-5.3	5.0	-1.5	5.4
SQ3427EV	TSOP-6	Single	P	-60.0	20	0.095	0.135				15.3	2.5	5.4	-5.3	5.0	-1.5	5.0
SQ3456BEV	TSOP-6	Single	N	30.0	20	0.035	0.052				6.0	1.2	1.0	7.8	4.0	1.5	6.65
SQ3456CEV	TSOP-6	Single	N	30.0	20	0.035	0.052				6.2	1.3	1.0	7.8	4.0	1.5	5.0
SQ3457EV	TSOP-6	Single	P	-30.0	20	0.065	0.1				14.0	2.1	3.0	-6.8	5.0	-1.5	6.5
SQ3460EV	TSOP-6	Single	N	20.0	8		0.03	0.034	0.038	9.3		1.1	1.4	8.0	3.6	0.4	12.4
SQ3461EV	TSOP-6	Single	P	-12.0	8		0.025	0.032	0.043	21.0		2.5	7.0	-8.0	5.0	-0.4	5.7
SQ3469EV	TSOP-6	Single	P	-20.0	20	0.036	0.064				17.7	2.9	3.9	-8.0	5.0	-1.5	0.0
SQ3481EV	TSOP-6	Single	P	-30.0	20	0.043	0.07				15.4	2.1	3.9	-7.5	4.0	-1.5	11.5
SQ3493EV	TSOP-6	Single	P	-20.0	12		0.021	0.032		22.7		4.5	6.4	-8.0	5.0	-0.6	5.9
SQ3495EV	TSOP-6	Single	P	-30.0	12		0.021	0.034		29.0		5.7	8.4	-8.0	5.0	-0.6	5.6
SQ3585EV	TSOP-6	Dual	P	-20.0	12		0.166	0.318		2.4		0.4	0.7	-2.5	1.67	-0.6	0.0
			N	20.0			0.077	0.12		1.8		0.3	0.4	3.57		0.6	

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQ3985EV	TSOP-6	Dual	P	-20.0	8		0.145	0.2	0.3	3.1		0.5	0.9	-3.9	3.0	-0.45	5.5
SQ3987EV	TSOP-6	Dual	P	-30.0	20	0.133	0.185				9.7	1.3	2.0	-3.0	1.67	-1.5	0.0
SQ3989EV	TSOP-6	Dual	P	-30.0	20	0.155	0.3				8.6	1.2	3.0	-2.5	1.67	-0.6	0.0
SQ4005EY	SO-8	Single	P	-12.0	8		0.016	0.022		29.0		4.2	8.4	-15.0	6.0	-0.45	2.7
SQ4064EY	SO-8	Single	N	60.0	20	0.0198	0.0212				29.0	5.5	3.9	12.0	6.8	1.5	0.8
SQ4080EY	SO-8	Single	N	150.0	20	0.085					25.0	5.2	8.7	18.0	7.1	2.5	0.4
SQ4153EY	SO-8	Single	P	-12.0	8		0.00832	0.01	0.0143	101.0		15.0	45.0	-25.0	7.1	-0.4	2.2
SQ4182EY	SO-8	Single	N	30.0	20	0.0038	0.005				72.0	14.0	8.0	32.0	7.1	1.5	1.8
SQ4184EY	SO-8	Single	N	40.0	20	0.0046	0.0056				72.0	13.0	11.0	29.0	7.1	1.5	1.6
SQ4282EY	SO-8	Dual	N	30.0	20	0.0123	0.0135				31.5	6.4	4.0	8.0	3.9	1.5	4.91
SQ4284EY	SO-8	Dual	N	40.0	20	0.0135	0.0148				30.0	5.5	5.0	8.0	3.9	1.5	4.53
SQ4401CEY	SO-8	Single	P	-40.0	20	0.014	0.023				71.0	11.4	18.3	-17.3	7.14	-1.5	1.9
SQ4401EY	SO-8	Single	P	-40.0	20	0.014	0.023				74.0	11.0	16.0	-17.3	7.14	-1.5	0.0
SQ4410EY	SO-8	Single	N	30.0	20	0.012	0.02				35.0	4.9	5.4	15.0	5.0	1.5	0.0
SQ4425EY	SO-8	Single	P	-30.0	20	0.012	0.019			33.6		8.6	15.2	-18.0	6.8	-1.5	2.04
SQ4431EY	SO-8	Single	P	-30.0	20	0.03	0.052				25.0	4.0	5.0	-10.8	6.0	-1.5	3.36
SQ4435EY	SO-8	Single	P	-30.0	20	0.018	0.031				38.3	5.9	9.0	-15.0	6.8	-1.5	0.0
SQ4470EY	SO-8	Single	N	60.0	20	0.012					45.0	9.9	11.2	16.0	7.1	2.5	0.87
SQ4483EY	SO-8	Single	P	-30.0	20	0.0085	0.02				75.0	9.5	19.0	-30.0		-1.5	2.0
SQ4532AEY	SO-8	N- and p-pair	P	-30.0	20	0.07	0.19				7.9	1.1	2.7	-5.3	3.3	-1.5	5.8
			N	30.0		0.031	0.042				5.9	1.0	1.9	7.3		1.5	3.4
SQ4840CEY	SO-8	Single	N	40.0	20	0.009	0.012				44.8	6.3	11.8	20.7	7.1	1.5	0.45
SQ4840EY	SO-8	Single	N	40.0	20	0.009	0.012				41.0	5.5	8.7	20.7	7.1	1.5	0.0
SQ4850CEY	SO-8	Single	N	60.0	20	0.022	0.031				22.3	4.1	5.1	12.0	6.8	1.5	0.41
SQ4850EY																	
SQ4917CEY	SO-8	Dual	P	-60.0	20	0.051	0.068				36.3	5.3	8.9	-7.0	5.0	-1.5	2.36

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQ4917EY	SO-8	Dual	P	-60.0	20	0.048	0.0612				43.4	4.7	9.0	-8.0	5.0	-1.5	2.5
SQ4920EY	SO-8	Dual	N	30.0	20	0.0145	0.0175				19.7	3.8	2.9	8.0	4.4	1.5	0.0
SQ4937EY	SO-8	Dual	P	-30.0	20	0.075	0.145				9.5	1.7	2.3	-5.0	3.3	-1.5	0.0
SQ4940AEY	SO-8	Dual	N	40.0	20	0.024	0.029				28.4	4.0	6.0	8.0	4.0	1.5	0.0
SQ4940CEY	SO-8	Dual	N	40.0	20	0.024	0.029				11.2	2.3	1.6	8.0	4.0	1.5	1.18
SQ4946AEY	SO-8	Dual	N	60.0	20	0.04	0.055				11.7	1.8	2.8	7.0	4.0	1.5	0.0
SQ4946CEY	SO-8	Dual	N	60.0	20	0.04	0.055				11.7	1.8	2.8	7.0	4.0	1.5	0.0
SQ4949EY	SO-8	Dual	P	-30.0	20	0.035	0.065				19.5	3.1	4.7	-7.5	3.3	-1.5	0.0
SQ4961EY	SO-8	Dual	P	-60.0	20	0.085	0.115				26.5	3.8	5.8	-4.4	3.3	-1.5	0.0
SQ7414CENW	PowerPAK 1212-8W	Single	N	60.0	20	0.023	0.028				19.0	2.6	3.6	18.0	62.0	1.5	1.12
SQ7415AEN	PowerPAK 1212-8	Single	P	-60.0	20	0.065	0.09				25.5	3.6	6.7	-16.0	53.0	-1.5	6.0
SQ7415CENW	PowerPAK 1212-8W	Single	P	-60.0	20	0.065	0.09				25.5	4.3	6.4	-16.0	53.0	-1.5	5.6
SQ9407EY	SO-8	Single	P	-60.0	20	0.085	0.115				26.5	3.8	5.8	-4.6	3.75	-1.5	7.1
SQ9945BEY	SO-8	Dual	N	60.0	20	0.064	0.082				8.0	1.2	1.7	5.4	4.0	1.5	0.0
SQA401CEJW	PowerPAK SC-70W-6L	Single	P	-20.0	12		0.125	0.219		3.5		0.9	1.2	-3.75	13.6	-0.6	5.6
SQA401EEJ	PowerPAK SC-70	Single	P	-20.0	8		0.113	0.2		4.2		0.75	1.2	-2.68	13.6	-0.6	8.6
SQA401EJ	PowerPAK SC-70	Single	P	-20.0	12		0.125	0.205		3.4		0.6	1.1	-3.75	13.6	-0.6	9.6
SQA403EJ	PowerPAK SC-70	Single	P	-30.0	20	0.02	0.033				26.0	4.2	4.7	-10.0	13.6	-1.5	7.6
SQA405CEJW	PowerPAK SC-70W-6L	Single	P	-40.0	20	0.0395	0.0545				22.6	4.4	4.1	-9.0	13.6	-1.5	6.6
SQA405EJ	PowerPAK SC-70	Single	P	-40.0	20	0.035	0.05				26.0	4.1	4.8	-10.0	13.6	-1.5	7.4

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQA410CEJW	PowerPAK SC-70W-6L	Single	N	20.0	8		0.028	0.034	0.038	5.1		0.67	0.95	7.8	13.6	0.4	8.2
SQA410EJ	PowerPAK SC-70	Single	N	20.0	8		0.028	0.034	0.038	5.0		0.55	0.79	7.8	13.6	0.45	11.89
SQA411CEJW	PowerPAK SC-70W-6L	Single	P	-60.0	20	0.155	0.213				10.2	2.2	2.6	-6.46	13.6	-1.5	5.18
SQA413CEJW	PowerPAK SC-70W-6L	Single	P	-20.0	12		0.038	0.0624		10.1		2.4	3.0	-7.5	13.6	-0.6	3.2
SQA440CEJW	PowerPAK SC-70W-6L	Single	N	40.0	20	0.0144	0.02				11.4	2.1	2.0	9.0	13.6	1.2	2.4
SQA442EJ	PowerPAK SC-70	Single	N	60.0	20	0.032	0.048				7.75	1.53	1.2	9.0	13.6	1.5	0.41
SQA444CEJW	PowerPAK SC-70W-6L	Single	N	60.0	20	0.039	0.0526				6.0	1.52	0.55	9.0	13.6	1.5	0.45
SQA446CEJW	PowerPAK SC-70W-6L	Single	N	20.0	12		0.0175	0.024		6.5		1.6	1.6	9.0	13.6	0.6	1.0
SQA470EEJ	PowerPAK SC-70	Single	N	30.0	12		0.056	0.07		4.1		0.58	1.1	2.25	13.6	0.6	3.2
SQA470EJ	PowerPAK SC-70	Single	N	30.0	12		0.065	0.095		4.6		0.65	0.9	2.25	13.6	0.45	3.6
SQA600CEJW	PowerPAK SC-70W-6L	Single	N	80.0	20	0.0546	0.07				6.0	1.6	0.6	9.0	13.6	1.5	0.9
SQA602CEJW	PowerPAK SC-70W-6L	Single	N	80.0	20	0.094	0.11				5.4	1.15	0.95	5.63	13.6	1.5	1.26
SQA604CEJW	PowerPAK SC-70W-6L	Single	N	80.0	20	0.08	0.095				6.5	1.3	1.2	5.63	13.6	1.5	1.24
SQA700CEJW	PowerPAK SC-70W-6L	Single	N	100.0	20	0.079	0.099				6.2	1.2	1.3	9.0	13.6	1.5	1.1
SQD07N25-350H	TO-252	Single	N	250.0	30	0.35					19.0	6.5	5.0	7.0	71.0	2.5	1.0
SQD100N02-3m5L	TO-252	Single	N	20.0	20	0.0035	0.0045				70.0	21.0	11.0	100.0	83.0	1.5	2.3

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQD100N03-3m2L	TO-252	Single	N	30.0	20	0.0032	0.0039				77.0	14.3	11.0	100.0	136.0	1.5	2.28
SQD100N03-3m4	TO-252	Single	N	30.0	20	0.0034					82.7	23.8	14.1	100.0	136.0	2.5	1.86
SQD100N04-3m6	TO-252	Single	N	40.0	20	0.0036					70.0	16.0	13.0	100.0	136.0	2.5	1.86
SQD100N04-3m6L	TO-252	Single	N	40.0	20	0.0036	0.0042				85.0	14.0	14.0	100.0	136.0	1.5	1.5
SQD10950E	TO-252	Single	N	250.0	20	0.162					10.6	3.1	2.8	11.5	62.0	2.5	3.8
SQD10N30-330H	TO-252	Single	N	300.0	30	0.33					31.0	8.0	9.6	10.0	107.0	3.4	0.8
SQD15N06-42L	TO-252	Single	N	60.0	20	0.042	0.0				9.5	1.7	2.5	15.0	37.0	1.5	2.5
SQD19P06-60L	TO-252	Single	P	-60.0	20	0.055	0.1				27.0	3.9	5.9	-20.0	46.0	-1.5	4.7
SQD23N06-31L	TO-252	Single	N	60.0	20	0.031	0.045				16.0	4.0	3.0	23.0	37.0	1.5	1.4
SQD25N06-22L	TO-252	Single	N	60.0	20	0.022	0.033				33.0	5.3	6.8	25.0	62.0	1.5	1.3
SQD25N15-52	TO-252	Single	N	150.0	20	0.052					34.0	14.5	5.4	25.0	107.0	2.5	1.0
SQD30N05-20L	TO-252	Single	N	55.0	20	0.02	0.026					4.1	4.8	30.0	50.0	1.5	2.1
SQD40020E	TO-252	Single	N	40.0	20	0.00233					84.0	29.5	19.5	100.0	107.0	2.5	2.0
SQD40020EL	TO-252	Single	N	40.0	20	0.0022	0.0027				108.0	23.3	20.0	100.0	107.0	1.2	1.83
SQD40030E	TO-252	Single	N	40.0	20	0.0032					65.0	22.0	7.0	100.0	136.0	2.5	1.49
SQD40031EL	TO-252	Single	P	-30.0	20	0.0032	0.0052				186.0	28.0	28.0	-100.0	136.0	-1.5	3.5
SQD40052EL	TO-252	Single	N	40.0	20	0.006	0.0078				34.5	6.1	6.6	30.0	62.0	1.2	2.91
SQD40061EL	TO-252	Single	P	-40.0	20	0.0051	0.0071				185.0	25.0	30.0	-100.0	107.0	-1.5	3.6
SQD40081EL	TO-252	Single	P	-40.0	20	0.0085	0.0105				138.0	21.0	21.0	-50.0	71.0	-1.5	3.15
SQD40131EL	TO-252	Single	P	-40.0	20	0.0115	0.015				76.0	11.5	13.5	-50.0	62.0	-1.5	4.0
SQD40N06-14L	TO-252	Single	N	60.0	20	0.014	0.017				34.0	6.0	8.5	40.0	75.0	1.5	1.7
SQD40P10-40L	TO-252	Single	P	-100.0	20	0.04	0.048				96.0	8.4	23.5	-38.0	136.0	-1.0	3.13
SQD45P03-12	TO-252	Single	P	-30.0	20	0.01	0.024				55.3	7.3	14.0	-50.0	71.0	-1.5	2.86
SQD50034E	TO-252	Single	N	60.0	20	0.0039					58.0	24.0	5.0	100.0	107.0	2.5	1.26
SQD50034EL	TO-252	Single	N	60.0	20	0.004	0.0052				60.0	16.3	4.8	100.0	107.0	1.5	1.24
SQD50N04-5m6	TO-252	Single	N	40.0	20	0.0056					55.0	11.0	16.0	50.0	71.0	2.5	3.0

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQD50N04-5m6L	TO-252	Single	N	40.0	20	0.0056	0.007				46.0	10.0	8.0	50.0	71.0	1.5	2.8
SQD50N06-09L	TO-252	Single	N	60.0	20	0.009	0.013				48.0	7.1	13.5	50.0	136.0	1.5	1.7
SQD50N10-8m9L	TO-252	Single	N	100.0	20	0.0089	0.0112				46.0	7.5	10.0	50.0	136.0	1.5	12.3
SQD50P03-07	TO-252	Single	P	-30.0	20	0.007	0.011				97.0	7.6	29.1	-50.0	136.0	-1.5	2.85
SQD50P04-09L	TO-252	Single	P	-40.0	20	0.0094	0.019				103.0	24.0	16.0	-50.0	136.0	-1.5	2.8
SQD50P06-15L	TO-252	Single	P	-60.0	20	0.0155	0.02				98.0	15.0	21.0	-50.0	136.0	-1.5	2.9
SQD50P08-25L	TO-252	Single	P	-80.0	20	0.025	0.031				91.0	8.2	24.0	-50.0	136.0	-1.5	3.26
SQD50P08-28	TO-252	Single	P	-80.0	20	0.028					95.0	19.0	26.0	-48.0	136.0	-2.5	3.47
SQD70140EL	TO-252	Single	N	100.0	20	0.015	0.019				26.5	5.5	5.5	30.0	71.0	1.5	2.3
SQD90P04-9m4L	TO-252	Single	P	-40.0	20	0.0094	0.016				103.0	15.0	21.0	-90.0	136.0	-1.5	2.8
SQJ110EP	PowerPAK SO-8L	Single	N	100.0	20	0.0063					75.0	20.0	15.0	170.0	500.0	2.0	0.9
SQJ123ELP	PowerPAK SO-8L	Single	P	-12.0	8		0.004	0.0064	0.0012	120.0		15.0	38.0	-238.0	375.0	-0.45	2.2
SQJ126EP	PowerPAK SO-8L	Single	N	30.0	20	9.4E-4					101.0	26.0	24.0	500.0	500.0	2.5	1.6
SQJ128ELP	PowerPAK SO-8L	Single	N	30.0	20	0.00115	0.00166				99.0	17.0	19.0	437.0	500.0	1.2	1.3
SQJ136ELP	PowerPAK SO-8L	Single	N	40.0	20	0.00112	0.00161				107.0	17.5	19.0	350.0	500.0	1.2	1.48
SQJ138ELP	PowerPAK SO-8L	Single	N	40.0	20	0.0015	0.0022				78.0	15.0	14.0	315.0	500.0	1.2	1.4
SQJ138EP	PowerPAK SO-8L	Single	N	40.0	20	0.0018					58.0	17.0	9.0	330.0	312.0	2.5	2.3
SQJ140ELP	PowerPAK SO-8L	Single	N	40.0	20	0.00214	0.00287				58.0	12.0	10.0	253.0	255.0	1.2	1.6
SQJ140EP	PowerPAK SO-8L	Single	N	40.0	20	0.0021					49.2	14.6	11.8	266.0	263.0	2.5	1.85

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQJ142EP	PowerPAK SO-8L	Single	N	40.0	20	0.0036					32.0	9.0	6.7	167.0	191.0	2.5	3.5
SQJ144EP	PowerPAK SO-8L	Single	N	40.0	20	0.0046					26.0	7.6	5.5	130.0	148.0	2.5	3.5
SQJ146EP	PowerPAK SO-8L	Single	N	40.0	20	0.007					18.0	6.0	5.0	75.0	75.0	2.5	4.0
SQJ147ELP	PowerPAK SO-8L	Single	P	-40.0	20	0.0125	0.018				85.0	14.5	14.8	-90.0	183.0	-1.5	3.9
SQJ148EP	PowerPAK SO-8L	Single	N	40.0	20	0.033	0.039				10.0	1.4	2.2	15.0	45.0	1.5	4.2
SQJ150EP	PowerPAK SO-8L	Single	N	40.0	20	0.0084					15.0	4.9	3.5	66.0	65.0	2.5	4.2
SQJ152EP	PowerPAK SO-8L	Single	N	40.0	20	0.0051					18.0	6.0	4.0	114.0	136.0	2.5	6.8
SQJ154EP	PowerPAK SO-8L	Single	N	40.0	20	0.0025					43.0	11.0	12.0	243.0	214.0	2.5	3.7
SQJ158EP	PowerPAK SO-8L	Single	N	60.0	20	0.033	0.0365				17.0	2.5	3.6	23.0	45.0	1.5	2.1
SQJ160EP	PowerPAK SO-8L	Single	N	60.0	20	0.002					79.0	24.0	18.0	362.0	500.0	2.2	0.9
SQJ164ELP	PowerPAK SO-8L	Single	N	60.0	20	0.012	0.013				38.0	8.0	6.0	75.0	187.0	1.5	1.8
SQJ168ELP	PowerPAK SO-8L	Single	N	60.0	20	0.036	0.04				13.0	3.0	2.0	24.0	29.4	1.5	4.2
SQJ174EP	PowerPAK SO-8L	Single	N	60.0	20	0.0029					54.0	21.0	4.0	293.0	500.0	2.5	1.3
SQJ180EP	PowerPAK SO-8L	Single	N	80.0	20	0.003					78.0	18.0	16.0	248.0	500.0	2.2	1.0
SQJ181ELP	PowerPAK SO-8L	Single	P	-80.0	20	0.0138	0.0204				59.0	15.0	7.0	-128.0	468.0	-1.5	3.0

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQJ182EP	PowerPAK SO-8L	Single	N	80.0	20	0.005					64.0	18.0	15.0	210.0	395.0	2.2	0.9
SQJ186EP	PowerPAK SO-8L	Single	N	80.0	20	0.015					24.0	7.0	6.0	60.0	135.0	2.5	1.5
SQJ190ELP	PowerPAK SO-8L	Single	N	100.0	20	0.05	0.058				14.0	3.2	2.2	19.6	45.0	1.5	0.61
SQJ200EP	PowerPAK SO-8L asymmetric	Dual	N	20.0	20	0.0037	0.005				29.0	4.1	6.0	60.0	48.0	1.0	2.3
						0.0088	0.0124				12.0	1.6	2.5	20.0	27.0		
SQJ202EP	PowerPAK SO-8L asymmetric	Dual	N	12.0	20	0.0065	0.0093				14.5	1.7	2.1	20.0	27.0	1.0	2.6
						0.0033	0.0045				35.9	4.1	4.3	60.0	48.0		
SQJ204EP	PowerPAK SO-8L asymmetric	Dual	N	12.0	12	0.003	0.0035				32.3	4.9	6.6	60.0	48.0	0.5	2.15
						0.0083	0.0093				12.3	1.8	2.4	20.0	27.0		
SQJ208EP	PowerPAK SO-8L asymmetric	Dual	N	40.0	20	0.0039	0.0048				48.2	7.1	8.0	60.0	48.0	1.3	3.49
						0.0094	0.01173				22.0	3.5	3.9	20.0	27.0		
SQJ211ELP	PowerPAK SO-8L	Single	P	-100.0	20	0.03	0.0435				45.0	9.2	8.7	-33.6	68.0	-1.5	2.1
SQJ244EP	PowerPAK SO-8L asymmetric	Dual	N	40.0	20	0.0045	0.006				28.5	5.2	3.3	60.0	48.0	1.5	1.16
						0.011	0.015				13.0	2.4	1.5	20.0	27.0		
SQJ260EP	PowerPAK SO-8L asymmetric	Dual	N	60.0	20	0.0085	0.0115				25.0	5.4	3.0	54.0	48.0	1.5	0.92
						0.019	0.024				12.0	2.6	1.5	20.0	27.0		
SQJ262EP	PowerPAK SO-8L asymmetric	Dual	N	60.0	20	0.0155	0.02				14.5	2.7	2.1	40.0	48.0	1.5	1.47
						0.0355	0.048				6.5	1.4	0.9	15.0	27.0		
SQJ264EP	PowerPAK SO-8L asymmetric	Dual	N	60.0	20	0.0086					19.2	6.3	1.5	54.0	48.0	2.5	0.74
						0.02					9.2	3.2	0.8	20.0	27.0		

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQJ402EP	PowerPAK SO-8L	Single	N	100.0	20	0.011	0.014				34.0	6.0	13.0	32.0	83.0	1.5	1.39
SQJ403BEEP	PowerPAK SO-8L	Single	P	-30.0	20	0.0085	0.02				75.0	9.5	19.0	-30.0	68.0	-1.5	4.3
SQJ403EP	PowerPAK SO-8L	Single	P	-30.0	20	0.0085	0.02				73.0	11.0	21.0	-30.0	68.0	-1.5	2.0
SQJ407EP	PowerPAK SO-8L	Single	P	-30.0	20	0.0044	0.0071				169.0	24.0	32.0	-60.0	68.0	-1.5	1.05
SQJ409EP	PowerPAK SO-8L	Single	P	-40.0	20	0.007	0.01				170.0	24.0	35.0	-60.0	68.0	-1.5	1.08
SQJ411EP	PowerPAK SO-8L	Single	P	-12.0	8		0.0058	0.0087		99.0		12.0	29.0	-60.0	68.0	-0.45	1.1
SQJ414EP	PowerPAK SO-8L	Single	N	30.0	20	0.012	0.017				15.0	3.0	3.0	30.0	45.0	1.5	1.5
SQJ415EP	PowerPAK SO-8L	Single	P	-40.0	20	0.014	0.02				63.0	9.5	9.5	-30.0	45.0	-1.5	4.6
SQJ416EP	PowerPAK SO-8L	Single	N	100.0	20	0.03					10.0	3.0	3.0	27.0	45.0	2.5	2.1
SQJ418EP	PowerPAK SO-8L	Single	N	100.0	20	0.014					20.0	5.0	4.5	48.0	68.0	2.5	1.06
SQJ420EP	PowerPAK SO-8L	Single	N	40.0	20	0.01	0.012				27.0	4.6	4.6	30.0	45.0	1.5	1.36
SQJ422EP	PowerPAK SO-8L	Single	N	40.0	20	0.0034	0.0043				67.0	11.25	10.31	75.0	83.0	1.5	0.63
SQJ423EP	PowerPAK SO-8L	Single	P	-40.0	20	0.014	0.023				80.0	10.0	22.0	-55.0	68.0	-1.5	1.11
SQJ431AEP	PowerPAK SO-8L	Single	P	-200.0	20	0.305					55.0	11.0	17.0	-9.4	68.0	-2.5	1.25
SQJ433EP	PowerPAK SO-8L	Single	P	-30.0	20	0.0081	0.017				72.0	12.0	20.0	-75.0	83.0	-1.5	1.1

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQJ443EP	PowerPAK SO-8L	Single	P	-40.0	20	0.029	0.047				38.0	6.0	9.0	-40.0	83.0	-1.5	6.62
SQJ444EP	PowerPAK SO-8L	Single	N	40.0	20	0.0032	0.0043				51.0	9.0	7.0	60.0	68.0	1.5	0.44
SQJ446EP	PowerPAK SO-8L	Single	N	40.0	20	0.005	0.0075				48.0	7.4	11.0	60.0	46.0	1.5	0.6
SQJ454EP	PowerPAK SO-8L	Single	N	200.0	20	0.145	0.15				56.0	7.0	15.0	13.0	68.0	1.5	0.45
SQJ457EP																	
SQJ459EP	PowerPAK SO-8L	Single	P	-60.0	20	0.018	0.024				73.0	10.0	20.0	-52.0	83.0	-1.5	1.1
SQJ460AEP	PowerPAK SO-8L	Single	N	60.0	20	0.0087	0.0094				71.0	9.7	12.5	58.0	68.0	1.5	1.0
SQJ464EP	PowerPAK SO-8L	Single	N	60.0	20	0.017	0.02				29.0	4.9	4.9	32.0	45.0	1.5	0.91
SQJ465EP	PowerPAK SO-8L	Single	P	-60.0	20	0.085	0.115				26.5	3.8	5.8	-8.0	45.0	-1.5	7.18
SQJ474EP	PowerPAK SO-8L	Single	N	100.0	20	0.03	0.035				14.5	2.3	2.8	26.0	45.0	1.5	1.8
SQJ476EP	PowerPAK SO-8L	Single	N	100.0	20	0.038	0.05				10.0	2.0	2.0	23.0	45.0	1.5	2.1
SQJ479EP	PowerPAK SO-8L	Single	P	-80.0	20	0.033	0.044				90.0	11.0	24.0	-32.0	68.0	-1.5	1.16
SQJ481EP	PowerPAK SO-8L	Single	P	-80.0	20	0.08	0.095				33.0	4.5	7.5	-16.0	45.0	-1.5	2.1
SQJ486EP	PowerPAK SO-8L	Single	N	75.0	20	0.026	0.032				22.0	2.7	5.0	30.0	56.0	1.1	0.9
SQJ488EP	PowerPAK SO-8L	Single	N	100.0	20	0.021	0.0258				18.0	2.0	4.7	42.0	83.0	1.5	2.2
SQJ500AEP	PowerPAK	N- and	P	-40.0	20	0.027	0.0435				30.2	4.1	7.4	-30.0	48.0	-1.5	6.15

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
	SO-8L	p-pair	N	40.0		0.0092	0.0112				25.5	4.4	4.3	30.0		1.3	1.37
SQJ500EP	PowerPAK SO-8L	N- and p-pair	N	40.0	20	0.014	0.015				31.5	5.7	4.8	48.0	48.0	1.3	4.11
			P	-40.0		0.028	0.042				41.5	5.5	10.5			-1.5	6.3
SQJ504EP	PowerPAK SO-8L	N- and p-pair	N	40.0	20	0.0075	0.011				18.0	3.5	2.6	30.0	34.0	1.5	0.72
			P	-40.0		0.017	0.023				56.0	8.5	9.9	-30.0		-1.5	2.37
SQJ560EP	PowerPAK SO-8L	N- and p-pair	P	-60.0	20	0.0526	0.0755				29.0	5.0	7.0	-18.0	34.0	-1.5	2.06
			N	60.0		0.012	0.016				18.0	4.0	2.0	30.0		1.5	0.46
SQJ570EP	PowerPAK SO-8L	N- and p-pair	P	-100.0	20	0.146	0.2065				12.0	2.0	3.0	-9.5	27.0	-1.5	10.2
			N	100.0		0.045	0.058				9.0	1.2	1.9	15.0		1.5	2.7
SQJ840EP	PowerPAK SO-8L	Single	N	30.0	20	0.0093	0.0138				25.3	3.7	5.4	30.0	46.0	1.2	0.0
SQJ844AEP	PowerPAK SO-8L	Dual	N	30.0	20	0.0166	0.0276				17.0	3.0	3.0	8.0	48.0	1.5	0.0
SQJ858AEP	PowerPAK SO-8L	Single	N	40.0	20	0.0063	0.0075				36.0	8.0	6.0	58.0	48.0	1.5	2.97
SQJ860EP	PowerPAK SO-8L	Single	N	40.0	20	0.006	0.0073				34.0	6.0	7.0	60.0	48.0	1.5	2.7
SQJ868EP	PowerPAK SO-8L	Single	N	40.0	20	0.00735					36.0	8.0	6.0	58.0	48.0	2.5	2.2
SQJ872EP	PowerPAK SO-8L	Single	N	150.0	20	0.0355					14.0	3.5	4.0	24.5	55.0	2.5	0.98
SQJ886EP	PowerPAK SO-8L	Single	N	40.0	20	0.0045	0.0055				43.0	8.0	7.0	60.0	55.0	1.5	2.45
SQJ910AEP	PowerPAK SO-8L	Dual	N	30.0	20	0.007	0.0086				25.8	4.3	4.3	30.0	48.0	1.5	1.38
SQJ912AEP	PowerPak SO-8L	Dual	N	40.0	20	0.0093	0.0111				25.6	4.0	4.0	30.0	48.0	1.5	1.44

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQJ912BEP	PowerPAK SO-8L	Dual	N	40.0	12	0.011	0.012				40.0	5.0	5.0	30.0	48.0	1.0	1.18
SQJ912DEP	PowerPAK SO-8L	Dual	N	40.0	20	0.0073	0.0102				24.0	5.0	5.0	30.0	27.0	1.5	2.8
SQJ914EP	PowerPAK SO-8L	Dual	N	30.0	20	0.012	0.017				15.0	3.0	3.0	30.0	27.0	1.5	1.6
SQJ940EP	PowerPAK SO-8L asymmetric	Dual	N	40.0	20	0.0064	0.0076				31.8	5.5	4.7	18.0	43.0	1.5	2.52
						0.016	0.0188				13.5	2.24	2.06	15.0	48.0		
SQJ942EP	PowerPAK SO-8L asymmetric	Dual	N	40.0	20	0.011	0.013				22.5	3.35	3.14	45.0	48.0	1.3	3.02
						0.022	0.026				13.1	2.12	1.84	15.0	17.0		
SQJ946EP	PowerPAK SO-8L	Dual	N	40.0	20	0.033	0.039				10.0	1.4	2.2	15.0	27.0	1.5	4.2
SQJ951EP	PowerPAK SO-8L	Dual	P	-30.0	20	0.017	0.036				33.0	5.5	9.4	-30.0	56.0	-1.5	6.31
SQJ952EP	PowerPAK SO-8L	Dual	N	60.0	20	0.02	0.024				24.0	5.0	12.0	23.0	25.0	1.5	1.3
SQJ956EP	PowerPAK SO-8L	Dual	N	60.0	20	0.0267	0.029				20.0	3.5	3.0	23.0	34.0	1.5	1.7
SQJ960EP	PowerPAK SO-8L	Dual	N	60.0	20	0.036	0.046				13.0	1.6	3.0	8.0	34.0	1.5	0.0
SQJ963EP	PowerPAK SO-8L	Dual	P	-60.0	20	0.085	0.115				26.5	3.8	5.8	-8.0	27.0	-1.5	6.9
SQJ968EP	PowerPAK SO-8L	Dual	N	60.0	20	0.0336	0.0444				12.3	1.9	2.6	23.5	42.0	1.5	0.0
SQJ974EP	PowerPAK SO-8L	Dual	N	100.0	20	0.0255	0.0325				15.0	3.0	3.0	30.0	48.0	1.5	1.41
SQJ980AEP	PowerPAK SO-8L	Dual	N	75.0	20	0.05	0.066				14.0	2.3	2.9	17.0	34.0	1.5	2.67

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQJ990EP	PowerPAK SO-8L asymmetric	Dual	N	100.0	20	0.019	0.0235				20.0	3.0	5.0	34.0	48.0	1.5	2.5
						0.04	0.0505				10.0	2.0	3.0	17.0	27.0		
SQJ992EP	PowerPAK SO-8L	Dual	N	60.0	20	0.0562	0.0745				8.1	1.3	1.7	15.0	34.0	1.5	0.0
SQJA00EP	PowerPAK SO-8L	Single	N	60.0	20	0.013					20.0	6.0	3.0	30.0	48.0	2.5	0.5
SQJA02EP	PowerPAK SO-8L	Single	N	60.0	20	0.0048					51.0	16.0	7.0	75.0	68.0	2.5	0.41
SQJA04EP	PowerPAK SO-8L	Single	N	60.0	20	0.0062					35.0	10.0	5.0	75.0	68.0	2.5	0.46
SQJA06EP	PowerPAK SO-8L	Single	N	60.0	20	0.0087					27.0	9.0	3.2	57.0	55.0	2.5	0.45
SQJA16EP	PowerPAK SO-8L	Single	N	60.0	20	0.003	0.0047				56.0	13.0	5.0	278.0	500.0	1.5	1.3
SQJA20EP	PowerPAK SO-8L	Single	N	200.0	20	0.05					17.6	4.1	5.3	22.5	68.0	2.5	1.18
SQJA26EP	PowerPAK SO-8L	Single	N	30.0	20	7.7E-4	0.00128				129.0	22.0	25.0	410.0	500.0	1.5	1.7
SQJA34EP	PowerPAK SO-8L	Single	N	40.0	20	0.0043					31.0	8.5	6.0	75.0	68.0	2.5	0.55
SQJA36EP	PowerPAK SO-8L	Single	N	40.0	20	0.00124					86.0	23.6	6.0	350.0	500.0	2.5	1.65
SQJA37EP	PowerPAK SO-8L	Single	P	-30.0	20	0.0092	0.0146				65.0	9.0	12.0	-30.0	45.0	-1.5	4.8
SQJA38EP	PowerPAK SO-8L	Single	N	40.0	20	0.0039	0.0048				48.2	7.1	8.0	60.0	68.0	1.4	1.1
SQJA42EP	PowerPAK SO-8L	Single	N	40.0	20	0.0094	0.01173				22.0	3.5	3.9	20.0	27.0	1.3	3.49
SQJA60EP	PowerPAK SO-8L	Single	N	60.0	20	0.0125	0.016				18.0	3.4	2.5	30.0	45.0	1.5	0.47

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQJA62EP	PowerPAK SO-8L	Single	N	60.0	20	0.0045	0.0062				55.0	12.0	8.0	75.0	68.0	1.5	0.43
SQJA64EP	PowerPAK SO-8L	Single	N	60.0	20	0.032					7.6	2.4	1.1	15.0	45.0	2.5	1.1
SQJA66EP	PowerPAK SO-8L	Single	N	60.0	20	0.003					64.9	17.4	14.9	75.0	68.0	2.3	0.52
SQJA68EP	PowerPAK SO-8L	Single	N	100.0	20	0.092	0.117				4.7	0.8	1.3	14.0	45.0	1.5	4.0
SQJA70EP	PowerPAK SO-8L	Single	N	100.0	20	0.095					4.0	1.0	1.25	14.7	27.0	2.5	4.9
SQJA72EP	PowerPAK SO-8L	Single	N	100.0	20	0.019	0.0235				20.0	3.0	5.0	37.0	55.0	1.5	1.4
SQJA76EP	PowerPAK SO-8L	Single	N	40.0	20	0.0024					66.0	17.0	14.0	75.0	68.0	2.5	0.76
SQJA78EP	PowerPAK SO-8L	Single	N	80.0	20	0.0053					62.0	16.0	13.0	72.0	68.0	2.3	0.52
SQJA80EP	PowerPAK SO-8L	Single	N	80.0	20	0.007	0.01				40.0	8.0	6.0	60.0	68.0	1.5	0.41
SQJA81EP	PowerPAK SO-8L	Single	P	-80.0	20	0.0173	0.0265				52.0	13.0	5.0	-46.0	68.0	-1.5	1.0
SQJA82EP	PowerPAK SO-8L	Single	N	80.0	20	0.0082	0.0112				40.0	8.5	5.5	60.0	68.0	1.5	0.43
SQJA84EP	PowerPAK SO-8L	Single	N	80.0	20	0.0125	0.016				21.0	4.0	3.0	46.0	55.0	1.5	0.4
SQJA86EP	PowerPAK SO-8L	Single	N	80.0	20	0.019	0.024				20.0	3.6	3.2	30.0	48.0	1.5	0.49
SQJA88EP	PowerPAK SO-8L	Single	N	40.0	20	0.007	0.0097				21.0	5.0	3.0	30.0	48.0	1.5	1.3
SQJA90EP	PowerPAK SO-8L	Single	N	80.0	20	0.0076					36.0	10.0	6.0	60.0	68.0	2.5	0.39

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQJA92EP	PowerPAK SO-8L	Single	N	80.0	20	0.0095					30.0	9.0	5.0	57.0	68.0	2.5	0.45
SQJA94EP	PowerPAK SO-8L	Single	N	80.0	20	0.0135					20.0	6.0	3.0	46.0	55.0	2.5	0.37
SQJA96EP	PowerPAK SO-8L	Single	N	80.0	20	0.0215					14.0	4.0	3.0	30.0	48.0	2.5	0.48
SQJB00EP	PowerPAK SO-8L	Dual	N	60.0	20	0.013					20.0	6.0	3.0	30.0	48.0	2.5	0.51
SQJB02ELP	PowerPAK SO-8L	Dual	N	40.0	20	0.0075	0.01				21.0	3.5	3.5	30.0	27.0	1.2	2.62
SQJB04ELP	PowerPAK SO-8L	Dual	N	40.0	20	0.011	0.0146				13.1	2.4	2.1	30.0	27.0	1.2	3.33
SQJB40EP	PowerPAK SO-8L	Dual	N	40.0	20	0.008	0.011				20.0	4.3	2.5	30.0	34.0	1.2	0.74
SQJB42EP	PowerPAK SO-8L	Dual	N	40.0	20	0.0095					17.0	5.0	3.0	30.0	48.0	2.5	0.64
SQJB44EP	PowerPAK SO-8L	Dual	N	40.0	20	0.0052	0.007				33.5	5.7	5.5	30.0	48.0	1.2	1.55
SQJB46ELP	PowerPAK SO-8L	Dual	N	40.0	20	0.008	0.01				26.0	4.3	4.3	30.0	34.0	1.2	2.54
SQJB46EP	PowerPAK SO-8L	Dual	N	40.0	20	0.008					21.0	5.8	4.5	30.0	34.0	2.3	2.54
SQJB48EP	PowerPAK SO-8L	Dual	N	40.0	20	0.0052					25.3	7.3	5.1	30.0	48.0	2.3	1.84
SQJB60EP	PowerPAK SO-8L	Dual	N	60.0	20	0.012	0.016				18.0	3.5	2.5	30.0	48.0	1.5	0.52
SQJB68EP	PowerPAK SO-8L	Dual	N	100.0	20	0.092	0.117				4.7	0.8	1.3	11.0	27.0	1.5	4.0
SQJB70EP	PowerPAK SO-8L	Dual	N	100.0	20	0.095					4.0	1.0	1.25	11.3	27.0	2.5	4.9

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQJB80EP	PowerPAK SO-8L	Dual	N	80.0	20	0.019	0.024				20.0	3.6	3.2	30.0	48.0	1.5	0.46
SQJB90EP	PowerPAK SO-8L	Dual	N	80.0	20	0.0215					14.0	4.0	3.0	30.0	48.0	2.5	0.41
SQJQ100E	PowerPAK 8 x 8L	Single	N	40.0	20	0.0015					125.0	35.0	13.0	200.0	150.0	2.5	0.99
SQJQ100EL	PowerPAK 8 x 8L	Single	N	40.0	20	0.0012	0.0015				140.0	30.0	20.0	200.0	150.0	1.5	0.99
SQJQ112E	PowerPAK 8 x 8L	Single	N	100.0	20	0.00253					181.0	48.0	37.0	296.0	600.0	2.0	1.5
SQJQ112ER	PowerPAK 8 x 8LR	Single	N	100.0	20	0.00253					181.0	48.0	37.0	296.0	600.0	2.0	1.5
SQJQ130EL	PowerPAK 8 x 8L	Single	N	30.0	20	5.2E-4	7.0E-4				310.0	53.0	56.0	445.0	600.0	1.5	1.9
SQJQ131EL	PowerPAK 8 x 8L	Single	P	-30.0	20	0.0014	0.0022				487.0	86.0	82.0	-280.0	600.0	-1.5	2.1
SQJQ140E	PowerPAK 8 x 8L	Single	N	40.0	20	5.3E-4					192.0	55.0	41.0	701.0	600.0	2.3	1.6
SQJQ141EL	PowerPAK 8 x 8L	Single	P	-40.0	20	0.002	0.0029				487.0	89.0	82.0	-390.0	600.0	-1.5	2.2
SQJQ142E	PowerPAK 8 x 8L	Single	N	40.0	20	0.00124					92.0	26.0	20.1	460.0	500.0	2.0	1.59
SQJQ144AE	PowerPAK 8 x 8L	Single	N	40.0	20	9.0E-4					116.0	36.0	25.0	575.0	600.0	2.0	1.6
SQJQ144AER	PowerPAK 8 x 8LR	Single	N	40.0	20	9.0E-4					116.0	36.0	25.0	575.0	600.0	2.0	1.6
SQJQ148E	PowerPAK 8 x 8L	Single	N	40.0	20	0.0016					69.0	35.0	24.0	375.0	325.0	2.0	1.6
SQJQ148ER	PowerPAK 8 x 8LR	Single	N	40.0	20	0.0015					68.0	20.0	15.0	372.0	394.0	2.0	1.6

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQJQ150E	PowerPAK 8 x 8L	Single	N	40.0	20	0.0019					61.0	17.0	17.0	233.0	187.0	2.0	1.7
SQJQ160E	PowerPAK 8 x 8L	Single	N	60.0	20	8.5E-4					183.0	53.0	42.0	602.0	600.0	2.0	1.4
SQJQ184ER	PowerPAK 8 x 8L Reverse	Single	N	80.0	20	0.0014					183.0	47.0	85.0	430.0	600.0	2.0	1.3
SQJQ186ER	PowerPAK 8 x 8LR	Single	N	80.0	20	0.0023					123.0	36.0	26.0	329.0	600.0	2.5	1.3
SQJQ402E	PowerPAK 8 x 8L	Single	N	40.0	20	0.0017	0.002				169.0	32.0	29.0	200.0	150.0	1.5	1.3
SQJQ404E	PowerPAK 8 x 8L	Single	N	40.0	20	0.00172					175.0	46.0	27.0	200.0	150.0	2.5	0.91
SQJQ410EL	PowerPAK 8 x 8L	Single	N	100.0	20	0.0034	0.004				97.0	15.0	20.0	135.0	136.0	1.5	1.92
SQJQ466E	PowerPAK 8 x 8L	Single	N	60.0	20	0.0019					135.0	47.0	14.0	200.0	150.0	2.5	0.9
SQJQ480E	PowerPAK 8 x 8L	Single	N	80.0	20	0.003					82.0	11.0	21.0	150.0	136.0	2.5	0.8
SQJQ900E	PowerPAK 8 x 8L	Dual	N	40.0	20	0.0039	0.0047				85.0	10.0	12.0	100.0	75.0	1.5	1.5
SQJQ904E	PowerPAK 8 x 8L	Dual	N	40.0	20	0.0034					60.0	16.0	5.0	100.0	75.0	2.5	1.0
SQJQ910EL	PowerPAK 8 x 8L	Dual	N	100.0	20	0.0086	0.0114				46.0	7.0	10.0	70.0	187.0	1.5	1.9
SQJQ936E	PowerPAK 8 x 8L	Dual	N	40.0	20	0.0023					75.0	22.0	16.0	100.0	75.0	2.5	1.9
SQJQ936EL	PowerPAK 8 x 8L	Dual	N	40.0	20	0.0023	0.0027				98.0	16.0	17.0	100.0	75.0	1.5	1.6
SQJQ960EL	PowerPAK 8 x 8L	Dual	N	60.0	20	0.009	0.013				19.0	4.0	2.0	63.0	71.0	1.5	1.6

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQJQ980EL	PowerPAK 8 x 8L	Dual	N	80.0	20	0.0135	0.017				26.0	5.0	4.0	36.0	187.0	1.5	1.1
SQM100N02-3m5L	TO-263	Single	N	20.0	20	0.0035	0.0045				70.0	21.0	11.0	100.0	150.0	1.5	2.3
SQM100N04-2m7	TO-263	Single	N	40.0	20	0.0027					95.5	25.5	14.7	100.0	157.0	2.5	1.48
SQM100N10-10	TO-263	Single	N	100.0	20	0.0105	0.012				122.0	23.0	28.0	100.0	375.0	1.5	1.41
SQM100P10-19L	TO-263	Single	P	-100.0	20	0.019	0.0222				220.0	37.0	51.0	-93.0	375.0	-1.5	2.2
SQM10250E	TO-263	Single	N	250.0	20	0.03					50.0	12.0	15.0	65.0	375.0	2.5	2.84
SQM110N05-06L	TO-263	Single	N	55.0	20	0.006	0.01				73.0	14.5	16.8	110.0	157.0	1.5	1.2
SQM110P06-8m9L	TO-263	Single	P	-60.0	20	0.0089	0.0132				130.0	25.0	33.0	-110.0	230.0	-1.5	2.6
SQM120N02-1m3L	TO-263	Single	N	20.0	20	0.0013	0.0017				192.0	27.0	31.0	120.0	375.0	1.5	1.1
SQM120N03-1m5L	TO-263	Single	N	30.0	20	0.0015	0.002				179.0	34.0	21.0	120.0	375.0	1.5	1.19
SQM120N04-1m7	TO-263	Single	N	40.0	20	0.0017					206.0	50.0	44.0	120.0	375.0	2.5	1.14
SQM120N04-1m7L	TO-263	Single	N	40.0	20	0.0017	0.002				190.0	29.0	27.0	120.0	375.0	1.5	1.07
SQM120N04-1m9	TO-263	Single	N	40.0	20	0.0019					180.0	44.0	40.0	120.0	300.0	2.5	9.13
SQM120N06-06	TO-263	Single	N	60.0	20	0.006					96.5	24.6	27.2	120.0	230.0	2.5	1.0
SQM120N06-3m5L	TO-263	Single	N	60.0	20	0.0035	0.0039				220.0	35.0	35.0	120.0	375.0	1.5	1.3
SQM120N10-3m8	TO-263	Single	N	100.0	20	0.0038					125.0	28.0	46.0	120.0	375.0	2.5	3.3
SQM120P04-04L																	
SQM120P06-07L																	
SQM120P10-10m1L	TO-263	Single	P	-100.0	20	0.0101	0.015				125.0	25.0	30.0	-120.0	375.0	-1.5	6.44
SQM200N04-1m7L	TO-263-7L	Single	N	40.0	20	0.0017	0.002				194.0	25.0	40.0	200.0	375.0	1.5	0.8
SQM200N04-1m8	TO-263-7L	Single	N	40.0	20	0.0018					206.0	50.0	44.0	200.0	375.0	2.5	0.8
SQM25N15-52	TO-263	Single	N	150.0	20	0.052					34.0	14.5	5.4	25.0	107.0	2.5	1.0
SQM30010EL	TO-263	Single	N	30.0	20	0.00135	0.00175				295.0	59.0	59.0	120.0	375.0	1.5	1.11
SQM35N30-97	TO-263	Single	N	300.0	20	0.097					86.0	16.0	28.0	35.0	375.0	2.5	0.75
SQM40010EL	TO-263	Single	N	40.0	20	0.0016	0.0019				150.0	30.0	12.0	120.0	375.0	1.5	1.62

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQM40016EM	TO-263-7L	Single	N	40.0	20	0.001					163.0	46.0	36.0	250.0	300.0	2.5	2.2
SQM40020E	TO-263	Single	N	40.0	20	0.00233					84.0	29.5	19.5	100.0	150.0	2.5	1.83
SQM40020EL	TO-263	Single	N	40.0	20	0.0022	0.0027				108.0	23.3	20.0	100.0	150.0	1.2	1.83
SQM40022E	TO-263	Single	N	40.0	20	0.00163					106.0	33.0	21.0	150.0	150.0	2.5	2.75
SQM40022EM	TO-263-7L	Single	N	40.0	20	0.00163					106.0	33.0	21.0	150.0	150.0	2.5	2.75
SQM40031EL	TO-263	Single	P	-40.0	20	0.003	0.0038				527.0	89.0	100.0	-120.0	375.0	-1.5	2.26
SQM40041EL	TO-263	Single	P	-40.0	20	0.0034	0.0048				288.0	66.0	52.0	-120.0	157.0	-1.5	2.65
SQM40061EL	TO-263	Single	P	-40.0	20	0.0051	0.0071				185.0	25.0	30.0	-100.0	150.0	-1.5	3.6
SQM40081EL	TO-263	Single	P	-40.0	20	0.0085	0.0105				153.0	34.0	29.0	-50.0	107.0	-1.5	3.15
SQM40N10-30	TO-263	Single	N	100.0	20	0.03					41.0	11.0	11.0	40.0	107.0	2.5	1.3
SQM40N15-38	TO-263	Single	N	150.0	20	0.038					46.0	20.0	11.0	40.0	166.0	2.5	2.0
SQM40P10-40L	TO-263	Single	P	-100.0	20	0.04	0.048				89.0	11.6	19.6	-40.0	150.0	-1.5	2.89
SQM50020EL	TO-263	Single	N	60.0	20	0.002	0.0025				128.0	33.0	11.0	120.0	375.0	1.5	1.68
SQM50028EM	TO-263-7L	Single	N	60.0	20	0.002					123.0	40.0	19.0	120.0	375.0	2.5	8.6
SQM50034E	TO-263	Single	N	60.0	20	0.0039					58.0	24.0	5.0	100.0	150.0	2.5	1.26
SQM50034EL	TO-263	Single	N	60.0	20	0.0039	0.005				60.0	16.3	4.8	100.0	150.0	1.5	1.24
SQM50N04-4m0L	TO-263	Single	N	40.0	20	0.004	0.0055				85.0	14.0	14.0	50.0	150.0	1.5	2.15
SQM50P04-09L	TO-263	Single	P	-40.0	20	0.0094	0.017				96.5	21.4	16.6	-50.0	150.0	-1.5	2.56
SQM50P06-15L	TO-263	Single	P	-60.0	20	0.015	0.022				103.0	16.6	26.6	-50.0	150.0	-1.5	2.6
SQM50P08-25L	TO-263	Single	P	-80.0	20	0.025	0.031				91.0	8.2	24.0	-50.0	150.0	-1.5	2.99
SQM60030E	TO-263	Single	N	80.0	20	0.0032					110.0	35.0	15.0	120.0	375.0	2.5	1.45
SQM60N06-15	TO-263	Single	N	60.0	20	0.015					33.0	8.9	7.4	56.0	107.0	2.5	1.6
SQM60N20-35	TO-263	Single	N	200.0	20	0.035					90.0	16.0	29.0	60.0	375.0	2.5	0.8
SQM70060EL	TO-263	Single	N	100.0	20	0.0059	0.008				66.0	14.0	12.0	75.0	166.0	1.5	1.92
SQM90142E	TO-263	Single	N	200.0	20	0.0153					55.0	14.0	16.5	95.0	375.0	2.5	2.74

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)	
SQS140ENW	PowerPAK 1212-8SLW	Single	N	40.0	20	0.00253					38.0	11.0	8.0	214.0	197.0	2.5	1.1	
SQS164ELNW	PowerPAK 1212-8SLW	Single	N	60.0	20	0.0074	0.0109				27.0	5.0	5.0	82.0	104.0	1.5	1.0	
SQS181ELNW	PowerPAK 1212-8SLW	Single	P	-80.0	20	0.031	0.048				30.0	7.0	4.0	-55.0	187.0	-1.5	1.5	
SQS201CENW	PowerPAK 1212-8W	Single	P	-100.0	20	0.08	0.11				17.4	3.5	3.3	-16.0	62.5	-1.5	9.82	
SQS401EN	PowerPAK 1212-8	Single	P	-40.0	20	0.029	0.047			17.7		5.6	8.1	-16.0	62.5	-1.5	2.1	
SQS405CENW	PowerPAK 1212-8W	Single	P	-12.0	8		0.015	0.022				4.0	9.6	-16.0	39.0	-0.45	3.1	
SQS405EN	PowerPAK 1212-8	Single	P	-12.0	8		0.02	0.026				3.8	8.2	-16.0	39.0	-0.45	2.37	
SQS405ENW	PowerPAK 1212-8W	Single	P	-12.0	8		0.02	0.026				3.8	8.2	-16.0	39.0	-0.45	2.4	
SQS407ENW	PowerPAK 1212-8W	Single	P	-30.0	20	0.0108	0.017				59.0	8.6	11.5	-16.0	62.5	-1.5	5.0	
SQS411ENW	PowerPAK 1212-8W	Single	P	-40.0	20	0.0273	0.038					38.0	6.0	7.0	-16.0	39.5	-1.5	4.2
SQS414CENW	PowerPAK 1212-8W	Single	N	60.0	20	0.023	0.035					8.9	2.4	0.9	18.0	33.0	1.5	0.38
SQS415ENW	PowerPAK 1212-8W	Single	P	-40.0	20	0.0161	0.023					63.0	9.0	12.0	-16.0	62.5	-1.5	4.6
SQS420EN	PowerPAK 1212-8	Single	N	20.0	8		0.028	0.032	0.038	9.0		1.1	1.3	8.0	18.0	0.45	12.0	
SQS423EN	PowerPAK 1212-8	Single	P	-30.0	20	0.021	0.06			17.0		5.9	9.2	-16.0	62.5	-1.5	3.43	
SQS423ENW	PowerPAK 1212-8W	Single	P	-30.0	20	0.021	0.06			17.0		5.9	9.2	-16.0	62.5	-1.5	3.43	

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQS460CENW	PowerPAK 1212-8W	Single	N	60.0	20	0.03	0.041				7.2	2.15	0.55	8.0	27.0	1.5	1.27
SQS460EN	PowerPAK 1212-8	Single	N	60.0	20	0.036	0.048				13.0	1.7	3.0	8.0	39.0	1.5	0.0
SQS460ENW	PowerPAK 1212-8W	Single	N	60.0	20	0.036	0.048				13.0	1.7	3.0	8.0	39.0	1.5	0.0
SQS462EN	PowerPAK 1212-8	Single	N	60.0	20	0.063	0.082					1.3	1.6	8.0	33.0	1.5	0.0
SQS481ENW	PowerPAK 1212-8W	Single	P	-150.0	20	1.095					8.0	1.7	2.5	-4.7	62.5	-2.5	4.7
SQS482EN	PowerPAK 1212-8	Single	N	30.0	20	0.0085	0.01				26.0	4.7	4.3	16.0	62.0	1.5	10.0
SQS482ENW	PowerPAK 1212-8W	Single	N	30.0	20	0.0085	0.01				26.0	4.7	4.3	16.0	62.0	1.5	10.0
SQS484CENW	PowerPAK 1212-8W	Single	N	40.0	20	0.0095	0.011				27.0	5.0	3.6	16.0	62.5	1.5	8.0
SQS484EN	PowerPAK 1212-8	Single	N	40.0	20	0.009	0.01				25.5	4.8	4.0	16.0	62.0	1.5	10.0
SQS484ENW	PowerPAK 1212-8W	Single	N	40.0	20	0.008	0.0105				22.0	4.0	3.0	16.0	62.5	1.5	0.97
SQS486CENW	PowerPAK 1212-8W	Single	N	40.0	20	0.0051	0.0073				35.2	6.1	6.0	18.0	62.5	1.2	1.63
SQS660CENW	PowerPAK 1212-8W	Single	N	60.0	20	0.0112	0.016				17.4	4.8	1.1	18.0	62.5	1.5	0.54
SQS840CENW	PowerPAK 1212-8W	Single	N	40.0	20	0.02	0.022				15.0	2.8	2.9	12.0	33.0	1.5	3.3
SQS840EN	PowerPAK 1212-8	Single	N	40.0	20	0.02	0.03				15.0	2.8	2.9	12.0	33.0	1.5	3.28
SQS850EN	PowerPAK 1212-8	Single	N	60.0	20	0.0215	0.0261				27.4	4.9	4.6	12.0	33.0	1.5	1.25

Series	Package	Configuration	Channel	V _{DS} (V)	V _{GS} (V)	R _{DS(on)} at 10 V (Ohms)	R _{DS(on)} at 4.5 V (Ohms)	R _{DS(on)} at 2.5 V (Ohms)	R _{DS(on)} at 1.8 V (Ohms)	Q _g at 4.5 V (nC)	Q _g at 10 V (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D Max. (A)	P _D Max. (W)	V _{GS(th)} min (V)	R _g Typ. (Ohms)
SQS940ELNW	PowerPAK 1212-8W	Dual	N	40.0	20	0.0203	0.0246				13.0	3.0	3.0	6.0	33.0	1.5	5.5
SQS944ENW	PowerPAK 1212-8W	Dual	N	40.0	20	0.025	0.034				7.6	1.4	1.1	6.0	27.8	1.5	1.55
SQS966ENW	PowerPAK 1212-8W	Dual	N	60.0	20	0.036	0.048				6.2	1.4	0.8	6.0	27.8	1.5	0.9
SQSA12CENW	PowerPAK 1212-8W	Single	N	100.0	20	0.022	0.025				31.0	6.0	5.0	18.0	62.5	1.5	0.5
SQSA70CENW	PowerPAK 1212-8W	Single	N	150.0	20	0.0685					8.0	2.1	2.1	18.0	62.5	2.5	1.61
SQSA80ENW	PowerPAK 1212-8W	Single	N	80.0	20	0.021	0.027				17.0	3.0	2.0	18.0	62.5	1.5	0.45
SQSA82CENW	PowerPAK 1212-8W	Single	N	80.0	20	0.046	0.07				6.4	1.65	0.66	12.0	27.0	1.5	0.98
SQSA84CENW	PowerPAK 1212-8W	Single	N	80.0	20	0.032	0.037				14.1	2.6	2.6	16.0	27.0	1.5	0.72
SQUN700E	Triple die	N- and p-pair	N	200.0	20	0.075					11.0	3.2	3.0	16.0	50.0	2.5	
			P	-40.0		0.03	0.048			30.2	4.1	7.4	-30.0	48.0	1.5		
			N	40.0		0.0092	0.0135			23.0	4.4	4.3	30.0				
SQUN702E	Triple die	N- and p-pair	P	-40.0	20	0.03	0.048				30.2	4.1	7.4	-30.0	48.0	1.5	
			N	40.0		0.0092	0.0135			23.0	4.4	4.3	30.0				
				200.0		0.06			14.0	5.0		20.0	60.0	2.5			
SQW61N65EF	TO-247AD	Single	N	650.0	30	0.052					229.0	53.0	91.0	62.0	625.0	2.0	1.0

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