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IR RECEIVERS

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP32S40F		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC-S	45	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND	Sony 12, 15, and 20 bit IR-codes		Leaded
TSOP34S40F										1 = OUT, 2 = GND, 3 = V_S			
TSOP37S40		Belobog	3.95 W x 3.95 H x 0.8 D	40	AGC-S	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	Sony 12, 15, and 20 bit IR-code	Remote control	SMD
TSOP38S40		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC-S	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	Sony 12 bit, 15 bit, and 20 bit IR-codes	Remote control	Leaded
TSOP75S40		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC-S	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		TV	SMD
TSOP75S40W		Heimdall no lens	6.8 W x 2.3 H x 3.2 D	40	AGC-S	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		TV	SMD
TSOP38S56		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC-S	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	Cisco SA code	Remote control	Leaded
TSOP75S56		Heimdall	6.8 W x 3.0 H x 3.2 D	56	AGC-S	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		TV	SMD
TSOP75S56W		Heimdall no lens	6.8 W x 2.3 H x 3.2 D	56	AGC-S	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		TV	SMD
TSOP11130		Cast	10.0 W x 12.5 H x 5.8 D	30	AGC1	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP12130		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13130		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13130DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13130P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13130P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14130		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18130		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2130		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31130		Cast	10.0 W x 12.5 H x 5.8 D	30	AGC1	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32130		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33130		Minimold	5.4 W x 6.35 H x	30	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP33130DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34130		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36130		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC1	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP38130		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC1	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP4130		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53130		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53130DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58130		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC1	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP6130		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC1	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP93130		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP93130DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93130P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93130P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP11133		Cast	10.0 W x 12.5 H x 5.8 D	33	AGC1	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12133		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13133		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13133DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13133P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13133P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14133		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18133		Minicast	5.0 W x 6.95 H x	33	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.8 D										
TSOP2133		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31133		Cast	10.0 W x 12.5 H x 5.8 D	33	AGC1	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32133		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33133		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33133DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34133		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36133		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC1	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP38133		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC1	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP4133		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53133		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP53133DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58133		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC1	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP6133		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC1	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP93133		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93133DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93133P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93133P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP11136		Cast	10.0 W x 12.5 H x 5.8 D	36	AGC1	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12136		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13136		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13136DF1P		Minimold	5.4 W x 6.35 H x	36	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP13136P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13136P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14136		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18136		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2136		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31136		Cast	10.0 W x 12.5 H x 5.8 D	36	AGC1	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32136		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33136		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33136DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34136		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP36136		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC1	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP38136		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC1	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP4136		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53136		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53136DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58136		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC1	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP6136		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC1	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP93136		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93136DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93136P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93136P16TR		Minimold	5.4 W x 6.35 H x	36	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP11138		Cast	10.0 W x 12.5 H x 5.8 D	38	AGC1	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12138		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13138		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13138DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13138P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13138P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14138		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18138		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2138		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31138		Cast	10.0 W x 12.5 H x 5.8 D	38	AGC1	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP32138		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33138		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33138DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34138		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36138		Panhead	7.5 W x 5.3 H x 4.0 D	38	AGC1	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP38138		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC1	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP4138		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53138		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53138DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58138		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC1	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP6138		Panhead	7.5 W x 5.3 H x	38	AGC1	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.0 D							= OUT			
TSOP93138		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93138DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93138P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93138P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSDP34138		Mold	6.0 W x 6.95 H x 5.6 D	38.4	AGC1	21	0.15	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Data transmission	Leaded
TSOP11140		Cast	10.0 W x 12.5 H x 5.8 D	40	AGC1	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12140		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13140		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13140DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13140P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP13140P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14140		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18140		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2140		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31140		Cast	10.0 W x 12.5 H x 5.8 D	40	AGC1	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32140		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33140		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33140DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34140		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36140		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC1	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP38140		Minicast	5.0 W x 6.95 H x	40	AGC1	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.8 D										
TSOP4140		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53140		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53140DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58140		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC1	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP6140		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC1	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP93140		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93140DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93140P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93140P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP11156		Cast	10.0 W x 12.5 H x 5.8 D	56	AGC1	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP12156		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13156		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13156DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13156P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13156P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14156		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC1	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18156		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2156		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31156		Cast	10.0 W x 12.5 H x 5.8 D	56	AGC1	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32156		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33156		Minimold	5.4 W x 6.35 H x	56	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP33156DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34156		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC1	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36156		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC1	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP38156		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC1	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP4156		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53156		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53156DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC1	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58156		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC1	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP6156		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC1	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP93156		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP93156DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93156P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93156P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC1	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSDP34156		Mold	6.0 W x 6.95 H x 5.6 D	57.6	AGC1	21	0.15	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Data transmission	Leaded
TSOP11230		Cast	10.0 W x 12.5 H x 5.8 D	30	AGC2	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12230		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13230		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13230DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13230P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13230P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14230		Mold	6.0 W x 6.95 H x	30	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.6 D										
TSOP18230		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2230		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31230		Cast	10.0 W x 12.5 H x 5.8 D	30	AGC2	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32230		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33230		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33230DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34830		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36230		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC2	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP38230		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC2	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39230		TVCast	6.8 W x 2.6 H x 5.3 D	30	AGC2	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP39230TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC2	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4830		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53230		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53230DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58230		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC2	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59230		TVCast	6.8 W x 2.6 H x 5.3 D	30	AGC2	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59230TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC2	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6230		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC2	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75230		Heimdall	6.8 W x 3.0 H x 3.2 D	30	AGC2	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75230W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC2	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77230		Heimdall	6.8 W x 3.0 H x	30	AGC2	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			3.2 D										
TSOP77230W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC2	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93230		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93230DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93230P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93230P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94230		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC2	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95230		Heimdall	6.8 W x 3.0 H x 3.2 D	30	AGC2	25	0.11	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95230W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC2	17	0.22	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96230		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC2	25	0.11	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98230		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC2	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP99230		TVCast	6.8 W x 2.6 H x 5.3 D	30	AGC2	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99230TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC2	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11233		Cast	10.0 W x 12.5 H x 5.8 D	33	AGC2	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12233		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13233		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13233DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13233P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13233P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14233		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18233		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2233		Mold	6.0 W x 6.95 H x	33	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.6 D										
TSOP31233		Cast	10.0 W x 12.5 H x 5.8 D	33	AGC2	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32233		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33233		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33233DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34833		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36233		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC2	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP38233		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC2	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39233		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC2	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39233TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	33	AGC2	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4833		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP53233		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53233DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58233		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC2	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59233		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC2	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59233TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	33	AGC2	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6233		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC2	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75233		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC2	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75233W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	33	AGC2	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77233		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC2	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77233W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	33	AGC2	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93233		Minimold	5.4 W x 6.35 H x	33	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP93233DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93233P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93233P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94233		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC2	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95233		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC2	25	0.11	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95233W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	33	AGC2	17	0.22	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96233		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC2	25	0.11	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98233		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC2	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99233		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC2	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99233TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	33	AGC2	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP11236		Cast	10.0 W x 12.5 H x 5.8 D	36	AGC2	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12236		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13236		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13236DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13236P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13236P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14236		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18236		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2236		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31236		Cast	10.0 W x 12.5 H x 5.8 D	36	AGC2	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32236		Mold	6.0 W x 6.95 H x	36	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.6 D										
TSOP33236		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33236DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34836		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36236		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC2	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37236		Belobog	3.95 W x 3.95 H x 0.8 D	36	AGC2	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP37236H		Belobog shield	4.3 W x 4.3 H x 1.0 D	36	AGC2	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP38236		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC2	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39236		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC2	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39236TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC2	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4836		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP53236		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53236DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP57236		Belobog	3.95 W x 3.95 H x 0.8 D	36	AGC2	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP57236H		Belobog shield	4.3 W x 4.3 H x 1.0 D	36	AGC2	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP58236		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC2	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59236		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC2	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59236TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC2	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6236		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC2	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75236		Heimdall	6.8 W x 3.0 H x 3.2 D	36	AGC2	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75236W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	36	AGC2	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77236		Heimdall	6.8 W x 3.0 H x	36	AGC2	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			3.2 D										
TSOP77236W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	36	AGC2	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93236		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93236DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93236P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93236P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94236		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC2	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95236		Heimdall	6.8 W x 3.0 H x 3.2 D	36	AGC2	25	0.11	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95236W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	36	AGC2	17	0.22	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96236		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC2	25	0.11	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98236		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC2	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP99236		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC2	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99236TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC2	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSMP77138		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC2	7	1	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Repeater	SMD
TSOP11238		Cast	10.0 W x 12.5 H x 5.8 D	38	AGC2	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12238		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13238		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13238DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13238P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13238P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14238		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18238		Minicast	5.0 W x 6.95 H x	38	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.8 D										
TSOP2238		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31238		Cast	10.0 W x 12.5 H x 5.8 D	38	AGC2	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32238		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33238		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33238DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34838		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36238		Panhead	7.5 W x 5.3 H x 4.0 D	38	AGC2	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37238		Belobog	3.95 W x 3.95 H x 0.8 D	38	AGC2	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP37238H		Belobog shield	4.3 W x 4.3 H x 1.0 D	38	AGC2	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP38238		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC2	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP39238		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC2	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39238TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC2	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4838		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53238		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53238DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP57238		Belobog	3.95 W x 3.95 H x 0.8 D	38	AGC2	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP57238H		Belobog shield	4.3 W x 4.3 H x 1.0 D	38	AGC2	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP58238		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC2	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59238		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC2	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59238TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC2	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6238		Panhead	7.5 W x 5.3 H x	38	AGC2	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4		Remote control	SMD

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.0 D							= OUT			
TSOP75238		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC2	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75238W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	38	AGC2	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77238		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC2	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77238W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	38	AGC2	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93238		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93238DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93238P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93238P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94238		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC2	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95238		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC2	25	0.11	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP95238W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	38	AGC2	17	0.22	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96238		Panhead	7.5 W x 5.3 H x 4.0 D	38	AGC2	25	0.11	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98238		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC2	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99238		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC2	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99238TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC2	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11240		Cast	10.0 W x 12.5 H x 5.8 D	40	AGC2	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT	Sony	Remote control	Leaded
TSOP12240		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	Sony	Remote control	Leaded
TSOP13240		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Sony	Remote control	Leaded
TSOP13240DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Sony	Remote control	SMD
TSOP13240P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Sony	Remote control	Leaded
TSOP13240P16TR		Minimold	5.4 W x 6.35 H x	40	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Sony	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP14240		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Sony	Remote control	Leaded
TSOP18240		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Sony	Remote control	Leaded
TSOP2240		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31240		Cast	10.0 W x 12.5 H x 5.8 D	40	AGC2	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32240		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33240		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33240DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34840		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36240		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC2	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37240		Belobog	3.95 W x 3.95 H x 0.8 D	40	AGC2	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP37240H		Belobog shield	4.3 W x 4.3 H x 1.0 D	40	AGC2	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP38240		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC2	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39240		TVCast	6.8 W x 2.6 H x 5.3 D	40	AGC2	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39240TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC2	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4840		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53240		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53240DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP57240		Belobog	3.95 W x 3.95 H x 0.8 D	40	AGC2	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP57240H		Belobog shield	4.3 W x 4.3 H x 1.0 D	40	AGC2	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP58240		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC2	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59240		TVCast	6.8 W x 2.6 H x	40	AGC2	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.3 D										
TSOP59240TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC2	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6240		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC2	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75240		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC2	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75240W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC2	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77240		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC2	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77240W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC2	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93240		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Sony	Remote control	Leaded
TSOP93240DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Sony	Remote control	SMD
TSOP93240P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Sony	Remote control	Leaded
TSOP93240P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Sony	Remote control	Leaded

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP94240		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC2	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Sony	Remote control	Leaded
TSOP95240		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC2	25	0.11	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Sony	Remote control	SMD
TSOP95240W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC2	17	0.22	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Sony	Remote control	SMD
TSOP96240		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC2	25	0.11	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	Sony	Remote control	SMD
TSOP98240		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC2	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Sony	Remote control	Leaded
TSOP99240		TVCast	6.8 W x 2.6 H x 5.3 D	40	AGC2	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Sony	Remote control	Leaded
TSOP99240TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC2	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Sony	Remote control	SMD
TSOP11256		Cast	10.0 W x 12.5 H x 5.8 D	56	AGC2	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT	Cisco	Remote control	Leaded
TSOP12256		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	Cisco	Remote control	Leaded
TSOP13256		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Cisco	Remote control	Leaded
TSOP13256DF1P		Minimold	5.4 W x 6.35 H x	56	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Cisco	Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP13256P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Cisco	Remote control	Leaded
TSOP13256P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Cisco	Remote control	Leaded
TSOP14256		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC2	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Cisco	Remote control	Leaded
TSOP18256		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Cisco	Remote control	Leaded
TSOP2256		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31256		Cast	10.0 W x 12.5 H x 5.8 D	56	AGC2	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32256		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33256		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33256DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34856		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC2	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP36256		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC2	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37256		Belobog	3.95 W x 3.95 H x 0.8 D	56	AGC2	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP37256H		Belobog shield	4.3 W x 4.3 H x 1.0 D	56	AGC2	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP38256		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC2	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39256		TVCast	6.8 W x 2.6 H x 5.3 D	56	AGC2	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39256TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC2	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4856		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53256		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53256DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC2	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP57256		Belobog	3.95 W x 3.95 H x 0.8 D	56	AGC2	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP57256H		Belobog shield	4.3 W x 4.3 H x	56	AGC2	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND,		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			1.0 D							4, 5 = V_S			
TSOP58256		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC2	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59256		TVCast	6.8 W x 2.6 H x 5.3 D	56	AGC2	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59256TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC2	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6256		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC2	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75256		Heimdall	6.8 W x 3.0 H x 3.2 D	56	AGC2	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75256W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC2	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77256		Heimdall	6.8 W x 3.0 H x 3.2 D	56	AGC2	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77256W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC2	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93256		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Cisco	Remote control	Leaded
TSOP93256DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Cisco	Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP93256P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Cisco	Remote control	Leaded
TSOP93256P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC2	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Cisco	Remote control	Leaded
TSOP94256		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC2	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Cisco	Remote control	Leaded
TSOP95256		Heimdall	6.8 W x 3.0 H x 3.2 D	56	AGC2	25	0.11	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Cisco	Remote control	SMD
TSOP95256W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC2	17	0.22	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Cisco	Remote control	SMD
TSOP96256		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC2	25	0.11	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	Cisco	Remote control	SMD
TSOP98256		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC2	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Cisco	Remote control	Leaded
TSOP99256		TVCast	6.8 W x 2.6 H x 5.3 D	56	AGC2	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Cisco	Remote control	Leaded
TSOP99256TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC2	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Cisco	Remote control	SMD
TSOP11330		Cast	10.0 W x 12.5 H x 5.8 D	30	AGC3	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12330		Mold	6.0 W x 6.95 H x	30	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.6 D										
TSOP13330		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13330DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13330P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13330P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14330		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18330		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2330		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31330		Cast	10.0 W x 12.5 H x 5.8 D	30	AGC3	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32330		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33330		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP33330DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34330		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36330		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC3	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP38330		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC3	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39330		TVCast	6.8 W x 2.6 H x 5.3 D	30	AGC3	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39330TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC3	30	0.08	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4330		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53330		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53330DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58330		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC3	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59330		TVCast	6.8 W x 2.6 H x	30	AGC3	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.3 D										
TSOP59330TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC3	18	0.2	± 45	0.7	1, 4 = GND, 2 = V$_S$, 3 = OUT		Remote control	SMD
TSOP6330		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC3	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V$_S$, 4 = OUT		Remote control	SMD
TSOP75330		Heimdall	6.8 W x 3.0 H x 3.2 D	30	AGC3	24	0.12	± 50	0.35	1, 4 = GND, 2 = V$_S$, 3 = OUT		Remote control	SMD
TSOP75330W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC3	16	0.25	± 75	0.35	1, 4 = GND, 2 = V$_S$, 3 = OUT		Remote control	SMD
TSOP77330		Heimdall	6.8 W x 3.0 H x 3.2 D	30	AGC3	18	0.2	± 50	0.7	1, 4 = GND, 2 = V$_S$, 3 = OUT		Remote control	SMD
TSOP77330W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC3	12	0.4	± 75	0.7	1, 4 = GND, 2 = V$_S$, 3 = OUT		Remote control	SMD
TSOP93330		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded
TSOP93330DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	SMD
TSOP93330P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded
TSOP93330P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP94330		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC3	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95330		Heimdall	6.8 W x 3.0 H x 3.2 D	30	AGC3	24	0.16	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95330W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC3	16	0.32	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96330		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC3	24	0.16	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98330		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC3	21	0.2	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99330		TVCast	6.8 W x 2.6 H x 5.3 D	30	AGC3	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99330TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC3	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11333		Cast	10.0 W x 12.5 H x 5.8 D	33	AGC3	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12333		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13333		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13333DF1P		Minimold	5.4 W x 6.35 H x	33	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP13333P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13333P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14333		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18333		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2333		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31333		Cast	10.0 W x 12.5 H x 5.8 D	33	AGC3	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32333		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33333		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33333DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34333		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP36333		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC3	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37333		Belobog	3.95 W x 3.95 H x 0.8 D	33	AGC3	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP38333		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC3	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39333		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC3	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39333TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	33	AGC3	30	0.08	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4333		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53333		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53333DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58333		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC3	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59333		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC3	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59333TR1		TVCastSMD	6.8 W x 2.6 H x	33	AGC3	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.3 D										
TSOP6333		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC3	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75333		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC3	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75333W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	33	AGC3	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77333		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC3	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77333W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	33	AGC3	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93333		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93333DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93333P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93333P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94333		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC3	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP95333		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC3	24	0.16	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95333W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	33	AGC3	16	0.32	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96333		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC3	24	0.16	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98333		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC3	21	0.2	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99333		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC3	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99333TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	33	AGC3	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11336		Cast	10.0 W x 12.5 H x 5.8 D	36	AGC3	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT	RCMM	Remote control	Leaded
TSOP12336		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	RCMM	Remote control	Leaded
TSOP13336		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RCMM	Remote control	Leaded
TSOP13336DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RCMM	Remote control	SMD
TSOP13336P10TR		Minimold	5.4 W x 6.35 H x	36	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RCMM	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP13336P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RCMM	Remote control	Leaded
TSOP14336		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RCMM	Remote control	Leaded
TSOP18336		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RCMM	Remote control	Leaded
TSOP2336		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	MCIR	Remote control	Leaded
TSOP31336		Cast	10.0 W x 12.5 H x 5.8 D	36	AGC3	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT	MCIR, RCMM	Remote control	Leaded
TSOP32336		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND	MCIR	Remote control	Leaded
TSOP33336		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	MCIR, RCMM	Remote control	Leaded
TSOP33336DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	MCIR, RCMM	Remote control	SMD
TSOP34336		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	MCIR, RCMM	Remote control	Leaded
TSOP36336		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC3	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	MCIR	Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP37336		Belobog	3.95 W x 3.95 H x 0.8 D	36	AGC3	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	MCIR	Remote control	SMD
TSOP37336H		Belobog shield	4.3 W x 4.3 H x 1.0 D	36	AGC3	24	0.12	± 75	0.35	1 = OUT; 2, 3, 6, 7, 8 = GND; 4, 5 = V_S	MCIR	Remote control	SMD
TSOP38336		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC3	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	MCIR, RCMM	Remote control	Leaded
TSOP39336		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC3	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	MCIR	Remote control	Leaded
TSOP39336TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC3	30	0.08	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	MCIR	Remote control	SMD
TSOP4336		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	MCIR	Remote control	Leaded
TSOP53336		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	MCIR	Remote control	Leaded
TSOP53336DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	MCIR	Remote control	SMD
TSOP57336		Belobog	3.95 W x 3.95 H x 0.8 D	36	AGC3	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	MCIR	Remote control	SMD
TSOP57336H		Belobog shield	4.3 W x 4.3 H x 1.0 D	36	AGC3	18	0.2	± 75	0.7	1= OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	MCIR	Remote control	SMD
TSOP58336		Minicast	5.0 W x 6.95 H x	36	AGC3	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	MCIR	Remote control	Leaded

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.8 D										
TSOP59336		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC3	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	MCIR	Remote control	Leaded
TSOP59336TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC3	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	MCIR	Remote control	SMD
TSOP6336		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC3	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	MCIR	Remote control	SMD
TSOP75336		Heimdall	6.8 W x 3.0 H x 3.2 D	36	AGC3	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	MCIR	Remote control	SMD
TSOP75336W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	36	AGC3	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	MCIR	Remote control	SMD
TSOP77336		Heimdall	6.8 W x 3.0 H x 3.2 D	36	AGC3	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	MCIR	Remote control	SMD
TSOP77336W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	36	AGC3	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	MCIR	Remote control	SMD
TSOP93336		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RCMM, MCIR	Remote control	Leaded
TSOP93336DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RCMM, MCIR	Remote control	SMD
TSOP93336P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RCMM, MCIR	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP93336P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RCMM, MCIR	Remote control	Leaded
TSOP94336		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC3	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RCMM, MCIR	Remote control	Leaded
TSOP95336		Heimdall	6.8 W x 3.0 H x 3.2 D	36	AGC3	24	0.16	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	RCMM	Remote control	SMD
TSOP95336W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	36	AGC3	16	0.32	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	RCMM	Remote control	SMD
TSOP96336		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC3	24	0.16	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	RCMM	Remote control	SMD
TSOP98336		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC3	21	0.2	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RCMM	Remote control	Leaded
TSOP99336		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC3	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	RCMM	Remote control	Leaded
TSOP99336TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC3	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	RCMM	Remote control	SMD
VSOP38336		VSOP	2.0 W x 2.0 H x 0.76 D	36	AGC3				0.35	1, 4, 5 = N.C., 2 = V_S, 3 = OUT, 6, 8 = GND, 7 = IN	MCIR	Remote control	SMD
TSOP11338		Cast	10.0 W x 12.5 H x 5.8 D	38	AGC3	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP12338		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded
TSOP13338		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded
TSOP13338DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RECS-80 Code, XMP-1, XMP-2	Remote control	SMD
TSOP13338P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded
TSOP13338P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded
TSOP14338		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded
TSOP18338		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded
TSOP2338		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	Leaded
TSOP31338		Cast	10.0 W x 12.5 H x 5.8 D	38	AGC3	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	Leaded
TSOP32338		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	Leaded
TSOP33338		Minimold	5.4 W x 6.35 H x	38	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, RECS-80 Code, r-map, XMP-1,	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D								XMP-2		
TSOP33338DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	SMD
TSOP34338		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	Leaded
TSOP36338		Panhead	7.5 W x 5.3 H x 4.0 D	38	AGC3	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	SMD
TSOP37338		Belobog	3.95 W x 3.95 H x 0.8 D	38	AGC3	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	SMD
TSOP37338H		Belobog shield	4.3 W x 4.3 H x 1.0 D	38	AGC3	24	0.12	± 75	0.35	1 = OUT; 2, 3, 6, 7, 8 = GND; 4, 5 = V_S	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	SMD
TSOP38338		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC3	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	Leaded
TSOP39338		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC3	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	Leaded
TSOP39338TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC3	30	0.08	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	SMD
TSOP4338		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	Leaded
TSOP53338		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, RECS-80 Code, r-map, XMP-1	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP53338DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, RECS-80 Code, r-map, XMP-1	Remote control	SMD
TSOP57338		Belobog	3.95 W x 3.95 H x 0.8 D	38	AGC3	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	Mitsubishi, RECS-80 Code, x-map, XMP-1, XMP-2	Remote control	SMD
TSOP57338H		Belobog shield	4.3 W x 4.3 H x 1.0 D	38	AGC3	18	0.2	± 75	0.7	1= OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	SMD
TSOP58338		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC3	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	Leaded
TSOP59338		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC3	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	Mitsubishi, RECS-80 Code, r-map, XMP-1	Remote control	Leaded
TSOP59338TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC3	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	Mitsubishi, RECS-80 Code, r-map, XMP-1	Remote control	SMD
TSOP6338		Panhead	7.5 W x 5.3 H x 4.0 D	38	AGC3	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	SMD
TSOP75338		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC3	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	SMD
TSOP75338W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	38	AGC3	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	SMD
TSOP77338		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC3	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	SMD
TSOP77338W		Heimdall no lens	6.8 W x 3.0 H x	38	AGC3	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	Mitsubishi, RECS-80 Code, r-map, XMP-1,	Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			2.35 D								XMP-2		
TSOP93338		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded
TSOP93338DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RECS-80 Code, XMP-1, XMP-2	Remote control	SMD
TSOP93338P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded
TSOP93338P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded
TSOP94338		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC3	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded
TSOP95338		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC3	24	0.16	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	RECS-80 Code, XMP-1, XMP-2	Remote control	SMD
TSOP95338W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	38	AGC3	16	0.32	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	RECS-80 Code, XMP-1, XMP-2	Remote control	SMD
TSOP96338		Panhead	7.5 W x 5.3 H x 4.0 D	38	AGC3	24	0.16	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	RECS-80 Code, XMP-1, XMP-2	Remote control	SMD
TSOP98338		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC3	21	0.2	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded
TSOP99338		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC3	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	RECS-80 Code, XMP-1, XMP-2	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP99338TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC3	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	RECS-80 Code, XMP-1, XMP-2	Remote control	SMD
VSOP38338		VSOP	2.0 W x 2.0 H x 0.76 D	38	AGC3				0.35	1, 4, 5 = N.C., 2 = V_S, 3 = OUT, 6, 8 = GND, 7 = IN	Mitsubishi, RECS-80 Code, r-map, XMP-1, XMP-2	Remote control	SMD
TSDP34338		Mold	6.0 W x 6.95 H x 5.6 D	38.4	AGC3	21	0.15	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Data transmission	Leaded
TSOP11340		Cast	10.0 W x 12.5 H x 5.8 D	40	AGC3	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12340		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13340		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13340DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13340P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13340P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14340		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP18340		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2340		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31340		Cast	10.0 W x 12.5 H x 5.8 D	40	AGC3	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32340		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33340		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33340DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34340		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36340		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC3	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37340		Belobog	3.95 W x 3.95 H x 0.8 D	40	AGC3	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP37340H		Belobog shield	4.3 W x 4.3 H x 1.0 D	40	AGC3	24	0.12	± 75	0.35	1 = OUT; 2, 3, 6, 7, 8 = GND; 4, 5 = V_S		Remote control	SMD
TSOP38340		Minicast	5.0 W x 6.95 H x	40	AGC3	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.8 D										
TSOP39340		TVCast	6.8 W x 2.6 H x 5.3 D	40	AGC3	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39340TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC3	30	0.08	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4340		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53340		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53340DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP57340		Belobog	3.95 W x 3.95 H x 0.8 D	40	AGC3	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP57340H		Belobog shield	4.3 W x 4.3 H x 1.0 D	40	AGC3	18	0.2	± 75	0.7	1= OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP58340		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC3	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59340		TVCast	6.8 W x 2.6 H x 5.3 D	40	AGC3	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59340TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC3	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP6340		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC3	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75340		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC3	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75340W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC3	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77340		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC3	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77340W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC3	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93340		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93340DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93340P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93340P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94340		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC3	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95340		Heimdall	6.8 W x 3.0 H	40	AGC3	24	0.16	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			3.2 D										
TSOP95340W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC3	16	0.32	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96340		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC3	24	0.16	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98340		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC3	21	0.2	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99340		TVCast	6.8 W x 2.6 H x 5.3 D	40	AGC3	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99340TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC3	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11356		Cast	10.0 W x 12.5 H x 5.8 D	56	AGC3	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT	r-map	Remote control	Leaded
TSOP12356		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	r-map	Remote control	Leaded
TSOP13356		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-map	Remote control	Leaded
TSOP13356DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-map	Remote control	SMD
TSOP13356P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-map	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP13356P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-map	Remote control	Leaded
TSOP14356		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC3	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-map	Remote control	Leaded
TSOP18356		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-map	Remote control	Leaded
TSOP2356		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31356		Cast	10.0 W x 12.5 H x 5.8 D	56	AGC3	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32356		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33356		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33356DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34356		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC3	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36356		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC3	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37356		Belobog	3.95 W x 3.95 H x	56	AGC3	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND,		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			0.8 D							4, 5 = V_S			
TSOP37356H		Belobog shield	4.3 W x 4.3 H x 1.0 D	56	AGC3	24	0.12	± 75	0.35	1 = OUT; 2, 3, 6, 7, 8 = GND; 4, 5 = V_S		Remote control	SMD
TSOP38356		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC3	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39356		TVCast	6.8 W x 2.6 H x 5.3 D	56	AGC3	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39356TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC3	30	0.08	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4356		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53356		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53356DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC3	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP57356		Belobog	3.95 W x 3.95 H x 0.8 D	56	AGC3	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP57356H		Belobog shield	4.3 W x 4.3 H x 1.0 D	56	AGC3	18	0.2	± 75	0.7	1= OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP58356		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC3	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP59356		TVCast	6.8 W x 2.6 H x 5.3 D	56	AGC3	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59356TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC3	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6356		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC3	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75356		Heimdall	6.8 W x 3.0 H x 3.2 D	56	AGC3	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75356W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC3	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77356		Heimdall	6.8 W x 3.0 H x 3.2 D	56	AGC3	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77356W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC3	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93356		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93356DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93356P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93356P16TR		Minimold	5.4 W x 6.35 H x	56	AGC3	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP94356		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC3	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95356		Heimdall	6.8 W x 3.0 H x 3.2 D	56	AGC3	24	0.16	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95356W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC3	16	0.32	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96356		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC3	24	0.16	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98356		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC3	21	0.2	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99356		TVCast	6.8 W x 2.6 H x 5.3 D	56	AGC3	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99356TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC3	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSDP34356		Mold	6.0 W x 6.95 H x 5.6 D	57.6	AGC3	21	0.15	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Data transmission	Leaded
TSOP11430		Cast	10.0 W x 12.5 H x 5.8 D	30	AGC4	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12430		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP13430		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13430DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13430P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13430P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14430		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18430		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2430		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31430		Cast	10.0 W x 12.5 H x 5.8 D	30	AGC4	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32430		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33430		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33430DF1P		Minimold	5.4 W x 6.35 H x	30	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP34430		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36430		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC4	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP38430		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC4	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39430		TVCast	6.8 W x 2.6 H x 5.3 D	30	AGC4	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39430TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC4	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4430		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53430		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53430DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58430		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC4	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59430		TVCast	6.8 W x 2.6 H x 5.3 D	30	AGC4	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP59430TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC4	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6430		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC4	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75430		Heimdall	6.8 W x 3.0 H x 3.2 D	30	AGC4	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75430W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC4	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77430		Heimdall	6.8 W x 3.0 H x 3.2 D	30	AGC4	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77430W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC4	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93430		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93430DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93430P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93430P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94430		Mold	6.0 W x 6.95 H x	30	AGC4	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.6 D										
TSOP95430		Heimdall	6.8 W x 3.0 H x 3.2 D	30	AGC4	25	0.11	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95430W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC4	17	0.22	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96430		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC4	25	0.11	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98430		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC4	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99430		TVCast	6.8 W x 2.6 H x 5.3 D	30	AGC4	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99430TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC4	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11433		Cast	10.0 W x 12.5 H x 5.8 D	33	AGC4	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12433		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13433		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13433DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP13433P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13433P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14433		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18433		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2433		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31433		Cast	10.0 W x 12.5 H x 5.8 D	33	AGC4	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32433		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33433		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33433DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34433		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36433		Panhead	7.5 W x 5.3 H x	33	AGC4	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.0 D							= OUT			
TSOP38433		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC4	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39433		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC4	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39433TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	33	AGC4	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4433		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53433		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53433DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58433		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC4	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59433		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC4	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59433TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	33	AGC4	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6433		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC4	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP75433		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC4	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75433W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	33	AGC4	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77433		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC4	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77433W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	33	AGC4	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93433		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93433DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93433P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93433P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94433		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC4	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95433		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC4	25	0.11	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95433W		Heimdall no lens	6.8 W x 3.0 H x	33	AGC4	17	0.22	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			2.35 D										
TSOP96433		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC4	25	0.11	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98433		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC4	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99433		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC4	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99433TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	33	AGC4	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11436		Cast	10.0 W x 12.5 H x 5.8 D	36	AGC4	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT	MCIR, Panasonic, RC-6	Remote control	Leaded
TSOP12436		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	MCIR, Panasonic, RC-6	Remote control	Leaded
TSOP13436		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	MCIR, Panasonic, RC-6	Remote control	Leaded
TSOP13436DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	MCIR, Panasonic, RC-6	Remote control	SMD
TSOP13436P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	MCIR, Panasonic, RC-6	Remote control	Leaded
TSOP13436P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	MCIR, Panasonic, RC-6	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP14436		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	MCIR, Panasonic, RC-6	Remote control	Leaded
TSOP18436		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	MCIR, Panasonic, RC-6	Remote control	Leaded
TSOP2436		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	RC-5, RC-6, Panasonic	Remote control	Leaded
TSOP31436		Cast	10.0 W x 12.5 H x 5.8 D	36	AGC4	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT	RC-5, RC-6, Panasonic	Remote control	Leaded
TSOP32436		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND	RC-5, RC-6, Panasonic	Remote control	Leaded
TSOP33436		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	RC-5, RC-6, Panasonic	Remote control	Leaded
TSOP33436DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP34436		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	RC-5, RC-6, Panasonic	Remote control	Leaded
TSOP36436		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC4	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP37436		Belobog	3.95 W x 3.95 H x 0.8 D	36	AGC4	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP37436H		Belobog shield	4.3 W x 4.3 H x	36	AGC4	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND,	RC-5, RC-6, Panasonic	Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			1.0 D							4, 5 = V_S			
TSOP38436		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC4	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	RC-5, RC-6, Panasonic	Remote control	Leaded
TSOP39436		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC4	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	RC-5, RC-6, Panasonic	Remote control	Leaded
TSOP39436TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC4	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP4436		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RC-5, RC-6, Panasonic	Remote control	Leaded
TSOP53436		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RC-5, RC-6, Panasonic	Remote control	Leaded
TSOP53436DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP57436		Belobog	3.95 W x 3.95 H x 0.8 D	36	AGC4	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP57436H		Belobog shield	4.3 W x 4.3 H x 1.0 D	36	AGC4	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP58436		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC4	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RC-5, RC-6, Panasonic	Remote control	Leaded
TSOP59436		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC4	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	RC-5, RC-6, Panasonic	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP59436TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC4	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP6436		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC4	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP75436		Heimdall	6.8 W x 3.0 H x 3.2 D	36	AGC4	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP75436W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	36	AGC4	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP77436		Heimdall	6.8 W x 3.0 H x 3.2 D	36	AGC4	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP77436W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	36	AGC4	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	RC-5, RC-6, Panasonic	Remote control	SMD
TSOP93436		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	MCIR, RC-6	Remote control	Leaded
TSOP93436DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	MCIR, RC-6	Remote control	SMD
TSOP93436P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	MCIR, RC-6	Remote control	Leaded
TSOP93436P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	MCIR, RC-6	Remote control	Leaded
TSOP94436		Mold	6.0 W x 6.95 H x	36	AGC4	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RC-6	Remote control	Leaded

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.6 D										
TSOP95436		Heimdall	6.8 W x 3.0 H x 3.2 D	36	AGC4	25	0.11	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	MCIR, RC-6	Remote control	SMD
TSOP95436W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	36	AGC4	17	0.22	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	MCIR, RC-6	Remote control	SMD
TSOP96436		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC4	25	0.11	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	MCIR, RC-6	Remote control	SMD
TSOP98436		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC4	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RC-6	Remote control	Leaded
TSOP99436		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC4	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	MCIR, RC-6	Remote control	Leaded
TSOP99436TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC4	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	MCIR, RC-6	Remote control	SMD
TSOP11438		Cast	10.0 W x 12.5 H x 5.8 D	38	AGC4	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT	Mitsubishi, NEC, Sejin 4PPM, Sharp	Remote control	Leaded
TSOP12438		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	Mitsubishi, NEC, Sejin 4PPM, Sharp	Remote control	Leaded
TSOP13438		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, NEC, Sejin 4PPM, Sharp	Remote control	Leaded
TSOP13438DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, NEC, Sejin 4PPM, Sharp	Remote control	SMD

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP13438P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, NEC, Sejin 4PPM, Sharp	Remote control	Leaded
TSOP13438P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, NEC, Sejin 4PPM, Sharp	Remote control	Leaded
TSOP14438		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, NEC, Sejin 4PPM, Sharp	Remote control	Leaded
TSOP18438		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, NEC, Sejin 4PPM, Sharp	Remote control	Leaded
TSOP2438		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	NEC, Sharp, r-step	Remote control	Leaded
TSOP31438		Cast	10.0 W x 12.5 H x 5.8 D	38	AGC4	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT	NEC, Sharp	Remote control	Leaded
TSOP32438		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND	NEC, Sharp	Remote control	Leaded
TSOP33438		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	NEC, Sharp	Remote control	Leaded
TSOP33438DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	NEC, Sharp	Remote control	SMD
TSOP34438		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	NEC, Sharp	Remote control	Leaded
TSOP36438		Panhead	7.5 W x 5.3 H x	38	AGC4	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4	NEC, Sharp	Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.0 D							= OUT			
TSOP37438		Belobog	3.95 W x 3.95 H x 0.8 D	38	AGC4	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	NEC, Sharp	Remote control	SMD
TSOP37438H		Belobog shield	4.3 W x 4.3 H x 1.0 D	38	AGC4	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	NEC, Sharp, r-map	Remote control	SMD
TSOP38438		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC4	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S	NEC, Sharp	Remote control	Leaded
TSOP39438		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC4	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	NEC, Sharp	Remote control	Leaded
TSOP39438TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC4	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	NEC, Sharp	Remote control	SMD
TSOP4438		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	NEC, Sharp, r-step	Remote control	Leaded
TSOP53438		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	NEC, Sharp	Remote control	Leaded
TSOP53438DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	NEC, Sharp	Remote control	SMD
TSOP57438		Belobog	3.95 W x 3.95 H x 0.8 D	38	AGC4	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	NEC, Sharp	Remote control	SMD
TSOP57438H		Belobog shield	4.3 W x 4.3 H x 1.0 D	38	AGC4	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	NEC, Sharp	Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP58438		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC4	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	NEC, Sharp	Remote control	Leaded
TSOP59438		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC4	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	NEC, Sharp	Remote control	Leaded
TSOP59438TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC4	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	NEC, Sharp	Remote control	SMD
TSOP6438		Panhead	7.5 W x 5.3 H x 4.0 D	38	AGC4	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	NEC, Sharp	Remote control	SMD
TSOP75438		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC4	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	NEC, Sharp	Remote control	SMD
TSOP75438W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	38	AGC4	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	NEC, Sharp	Remote control	SMD
TSOP77438		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC4	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	NEC, Sharp	Remote control	SMD
TSOP77438W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	38	AGC4	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	NEC, Sharp, r-map	Remote control	SMD
TSOP93438		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Sejin 4PPM	Remote control	Leaded
TSOP93438DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Sejin 4PPM	Remote control	SMD
TSOP93438P10TR		Minimold	5.4 W x 6.35 H x	38	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Sejin 4PPM	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP93438P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Sejin 4PPM	Remote control	Leaded
TSOP94438		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC4	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Sejin 4PPM	Remote control	Leaded
TSOP95438		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC4	25	0.11	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Sejin 4PPM	Remote control	SMD
TSOP95438W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	38	AGC4	17	0.22	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Sejin 4PPM	Remote control	SMD
TSOP96438		Panhead	7.5 W x 5.3 H x 4.0 D	38	AGC4	25	0.11	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	Sejin 4PPM	Remote control	SMD
TSOP98438		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC4	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Sejin 4PPM	Remote control	Leaded
TSOP99438		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC4	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Sejin 4PPM	Remote control	Leaded
TSOP99438TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC4	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Sejin 4PPM	Remote control	SMD
TSOP11440		Cast	10.0 W x 12.5 H x 5.8 D	40	AGC4	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12440		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP13440		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13440DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13440P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13440P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14440		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18440		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2440		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31440		Cast	10.0 W x 12.5 H x 5.8 D	40	AGC4	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32440		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33440		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33440DF1P		Minimold	5.4 W x 6.35 H x	40	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP34440		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36440		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC4	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37440		Belobog	3.95 W x 3.95 H x 0.8 D	40	AGC4	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP37440H		Belobog shield	4.3 W x 4.3 H x 1.0 D	40	AGC4	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP38440		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC4	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39440		TVCast	6.8 W x 2.6 H x 5.3 D	40	AGC4	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39440TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC4	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4440		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53440		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53440DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP57440		Belobog	3.95 W x 3.95 H x 0.8 D	40	AGC4	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP57440H		Belobog shield	4.3 W x 4.3 H x 1.0 D	40	AGC4	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP58440		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC4	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59440		TVCast	6.8 W x 2.6 H x 5.3 D	40	AGC4	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59440TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC4	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6440		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC4	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75440		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC4	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75440W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC4	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77440		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC4	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77440W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC4	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93440		Minimold	5.4 W x 6.35 H x	40	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP93440DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93440P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93440P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94440		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC4	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95440		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC4	25	0.11	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95440W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC4	17	0.22	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96440		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC4	25	0.11	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98440		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC4	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99440		TVCast	6.8 W x 2.6 H x 5.3 D	40	AGC4	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99440TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC4	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP11456		Cast	10.0 W x 12.5 H x 5.8 D	56	AGC4	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT	r-step	Remote control	Leaded
TSOP12456		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	r-step	Remote control	Leaded
TSOP13456		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-step	Remote control	Leaded
TSOP13456DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-step	Remote control	SMD
TSOP13456P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-step	Remote control	Leaded
TSOP13456P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-step	Remote control	Leaded
TSOP14456		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC4	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-step	Remote control	Leaded
TSOP18456		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-step	Remote control	Leaded
TSOP2456		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	r-step, Thomson RCA	Remote control	Leaded
TSOP31456		Cast	10.0 W x 12.5 H x 5.8 D	56	AGC4	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT	r-step, Thomson RCA	Remote control	Leaded
TSOP32456		Mold	6.0 W x 6.95 H x	56	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND	r-step, Thomson RCA	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.6 D										
TSOP33456		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V$_S$	r-step, Thomson RCA	Remote control	Leaded
TSOP33456DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V$_S$	r-step, Thomson RCA	Remote control	SMD
TSOP34456		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC4	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V$_S$	r-step, Thomson RCA	Remote control	Leaded
TSOP36456		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC4	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V$_S$, 4 = OUT	r-step, Thomson RCA	Remote control	SMD
TSOP37456		Belobog	3.95 W x 3.95 H x 0.8 D	56	AGC4	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V$_S$	r-step, Thomson RCA	Remote control	SMD
TSOP37456 H		Belobog shield	4.3 W x 4.3 H x 1.0 D	56	AGC4	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V$_S$	r-step, Thomson RCA	Remote control	SMD
TSOP38456		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC4	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V$_S$	r-step, Thomson RCA	Remote control	Leaded
TSOP39456		TVCast	6.8 W x 2.6 H x 5.3 D	56	AGC4	30	0.08	± 45	0.35	1, 4 = GND, 2 = V$_S$, 3 = OUT	r-step, Thomson RCA	Remote control	Leaded
TSOP39456TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC4	30	0.08	± 45	0.35	1, 4 = GND, 2 = V$_S$, 3 = OUT	r-step, Thomson RCA	Remote control	SMD
TSOP4456		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$	r-step, Thomson RCA	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP53456		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-step, Thomson RCA	Remote control	Leaded
TSOP53456DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC4	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-step, Thomson RCA	Remote control	SMD
TSOP57456		Belobog	3.95 W x 3.95 H x 0.8 D	56	AGC4	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	r-step, Thomson RCA	Remote control	SMD
TSOP57456H		Belobog shield	4.3 W x 4.3 H x 1.0 D	56	AGC4	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	r-step, Thomson RCA	Remote control	SMD
TSOP58456		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC4	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	r-step, Thomson RCA	Remote control	Leaded
TSOP59456		TVCast	6.8 W x 2.6 H x 5.3 D	56	AGC4	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	r-step, Thomson RCA	Remote control	Leaded
TSOP59456TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC4	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	r-step, Thomson RCA	Remote control	SMD
TSOP6456		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC4	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	r-step, Thomson RCA	Remote control	SMD
TSOP75456		Heimdall	6.8 W x 3.0 H x 3.2 D	56	AGC4	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	r-step, Thomson RCA	Remote control	SMD
TSOP75456W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC4	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT	r-step, Thomson RCA	Remote control	SMD
TSOP77456		Heimdall	6.8 W x 3.0 H x	56	AGC4	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	r-step, Thomson RCA	Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			3.2 D										
TSOP77456W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC4	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT	r-step, Thomson RCA	Remote control	SMD
TSOP93456		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RCA, r-step	Remote control	Leaded
TSOP93456DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RCA, r-step	Remote control	SMD
TSOP93456P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RCA, r-step	Remote control	Leaded
TSOP93456P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC4	30	0.08	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RCA, r-step	Remote control	Leaded
TSOP94456		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC4	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RCA, r-step	Remote control	Leaded
TSOP95456		Heimdall	6.8 W x 3.0 H x 3.2 D	56	AGC4	25	0.11	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	RCA, r-step	Remote control	SMD
TSOP95456W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC4	17	0.22	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	RCA, r-step	Remote control	SMD
TSOP96456		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC4	25	0.11	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	RCA, r-step	Remote control	SMD
TSOP98456		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC4	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	RCA, r-step	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP99456		TVCast	6.8 W x 2.6 H x 5.3 D	56	AGC4	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	RCA, r-step	Remote control	Leaded
TSOP99456TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC4	28	0.09	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	RCA, r-step	Remote control	SMD
TSOP11530		Cast	10.0 W x 12.5 H x 5.8 D	30	AGC5	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12530		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13530		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13530DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13530P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13530P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14530		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18530		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2530		Mold	6.0 W x 6.95 H x	30	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.6 D										
TSOP31530		Cast	10.0 W x 12.5 H x 5.8 D	30	AGC5	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32530		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33530		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33530DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34530		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36530		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC5	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP38530		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC5	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39530		TVCast	6.8 W x 2.6 H x 5.3 D	30	AGC5	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39530TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC5	30	0.08	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4530		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP53530		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53530DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58530		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC5	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59530		TVCast	6.8 W x 2.6 H x 5.3 D	30	AGC5	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59530TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC5	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6530		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC5	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75530		Heimdall	6.8 W x 3.0 H x 3.2 D	30	AGC5	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75530W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC5	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77530		Heimdall	6.8 W x 3.0 H x 3.2 D	30	AGC5	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77530W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC5	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93530		Minimold	5.4 W x 6.35 H x	30	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP93530DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93530P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93530P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94530		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC5	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95530		Heimdall	6.8 W x 3.0 H x 3.2 D	30	AGC5	24	0.16	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95530W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC5	16	0.32	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96530		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC5	24	0.16	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98530		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC5	21	0.2	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99530		TVCast	6.8 W x 2.6 H x 5.3 D	30	AGC5	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99530TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC5	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP11533		Cast	10.0 W x 12.5 H x 5.8 D	33	AGC5	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12533		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13533		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13533DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13533P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13533P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14533		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18533		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2533		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31533		Cast	10.0 W x 12.5 H x 5.8 D	33	AGC5	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32533		Mold	6.0 W x 6.95 H x	33	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.6 D										
TSOP33533		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33533DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34533		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36533		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC5	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37533		Belobog	3.95 W x 3.95 H x 0.8 D	33	AGC5	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP38533		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC5	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39533		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC5	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39533TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	33	AGC5	30	0.08	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4533		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53533		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP53533DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP58533		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC5	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59533		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC5	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59533TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	33	AGC5	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6533		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC5	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75533		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC5	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75533W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	33	AGC5	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77533		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC5	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77533W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	33	AGC5	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93533		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93533DF1P		Minimold	5.4 W x 6.35 H x	33	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP93533P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93533P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94533		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC5	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95533		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC5	24	0.16	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95533W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	33	AGC5	16	0.32	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96533		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC5	24	0.16	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98533		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC5	21	0.2	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99533		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC5	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99533TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	33	AGC5	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11536		Cast	10.0 W x 12.5 H x 5.8 D	36	AGC5	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP12536		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13536		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13536DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13536P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13536P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14536		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18536		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2536		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	MCIR	Remote control	Leaded
TSOP31536		Cast	10.0 W x 12.5 H x 5.8 D	36	AGC5	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32536		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33536		Minimold	5.4 W x 6.35 H x	36	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP33536DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34536		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36536		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC5	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37536		Belobog	3.95 W x 3.95 H x 0.8 D	36	AGC5	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP37536H		Belobog shield	4.3 W x 4.3 H x 1.0 D	36	AGC5	24	0.12	± 75	0.35	1 = OUT; 2, 3, 6, 7, 8 = GND; 4, 5 = V_S		Remote control	SMD
TSOP38536		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC5	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39536		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC5	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39536TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC5	30	0.08	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4536		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53536		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP53536DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP57536		Belobog	3.95 W x 3.95 H x 0.8 D	36	AGC5	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP57536H		Belobog shield	4.3 W x 4.3 H x 1.0 D	36	AGC5	18	0.2	± 75	0.7	1= OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	MCIR	Remote control	SMD
TSOP58536		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC5	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59536		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC5	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59536TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC5	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6536		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC5	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	MCIR	Remote control	SMD
TSOP75536		Heimdall	6.8 W x 3.0 H x 3.2 D	36	AGC5	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75536W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	36	AGC5	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77536		Heimdall	6.8 W x 3.0 H x 3.2 D	36	AGC5	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77536W		Heimdall no lens	6.8 W x 3.0 H x	36	AGC5	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			2.35 D										
TSOP93536		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93536DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93536P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93536P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94536		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC5	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95536		Heimdall	6.8 W x 3.0 H x 3.2 D	36	AGC5	24	0.16	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95536W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	36	AGC5	16	0.32	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96536		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC5	24	0.16	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98536		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC5	21	0.2	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99536		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC5	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP99536TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC5	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11538		Cast	10.0 W x 12.5 H x 5.8 D	38	AGC5	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12538		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13538		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13538DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13538P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13538P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14538		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18538		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2538		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	Mitsubishi, RECS-80 Code, r-map	Remote control	Leaded
TSOP31538		Cast	10.0 W x 12.5 H x	38	AGC5	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.8 D										
TSOP32538		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33538		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33538DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34538		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36538		Panhead	7.5 W x 5.3 H x 4.0 D	38	AGC5	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37538		Belobog	3.95 W x 3.95 H x 0.8 D	38	AGC5	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP37538H		Belobog shield	4.3 W x 4.3 H x 1.0 D	38	AGC5	24	0.12	± 75	0.35	1 = OUT; 2, 3, 6, 7, 8 = GND; 4, 5 = V_S		Remote control	SMD
TSOP38538		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC5	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39538		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC5	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39538TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC5	30	0.08	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP4538		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53538		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53538DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP57538		Belobog	3.95 W x 3.95 H x 0.8 D	38	AGC5	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP57538H		Belobog shield	4.3 W x 4.3 H x 1.0 D	38	AGC5	18	0.2	± 75	0.7	1= OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S	Mitsubishi, RECS-80 Code, r-map	Remote control	SMD
TSOP58538		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC5	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59538		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC5	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59538TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC5	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6538		Panhead	7.5 W x 5.3 H x 4.0 D	38	AGC5	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	Mitsubishi, RECS-80 Code, r-map	Remote control	SMD
TSOP75538		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC5	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75538W		Heimdall no lens	6.8 W x 3.0 H x	38	AGC5	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			2.35 D										
TSOP77538		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC5	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77538W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	38	AGC5	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93538		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93538DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93538P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93538P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94538		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC5	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95538		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC5	24	0.16	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95538W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	38	AGC5	16	0.32	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96538		Panhead	7.5 W x 5.3 H x 4.0 D	38	AGC5	24	0.16	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP98538		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC5	21	0.2	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99538		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC5	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99538TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC5	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11540		Cast	10.0 W x 12.5 H x 5.8 D	40	AGC5	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12540		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13540		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13540DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13540P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13540P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14540		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18540		Minicast	5.0 W x 6.95 H x	40	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.8 D										
TSOP2540		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31540		Cast	10.0 W x 12.5 H x 5.8 D	40	AGC5	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32540		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33540		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33540DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34540		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36540		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC5	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37540		Belobog	3.95 W x 3.95 H x 0.8 D	40	AGC5	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP37540H		Belobog shield	4.3 W x 4.3 H x 1.0 D	40	AGC5	24	0.12	± 75	0.35	1 = OUT; 2, 3, 6, 7, 8 = GND; 4, 5 = V_S		Remote control	SMD
TSOP38540		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC5	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP39540		TVCast	6.8 W x 2.6 H x 5.3 D	40	AGC5	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39540TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC5	30	0.08	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4540		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53540		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53540DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP57540		Belobog	3.95 W x 3.95 H x 0.8 D	40	AGC5	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP57540H		Belobog shield	4.3 W x 4.3 H x 1.0 D	40	AGC5	18	0.2	± 75	0.7	1= OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP58540		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC5	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59540		TVCast	6.8 W x 2.6 H x 5.3 D	40	AGC5	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP59540TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC5	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6540		Panhead	7.5 W x 5.3 H x	40	AGC5	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4		Remote control	SMD

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.0 D							= OUT			
TSOP75540		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC5	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75540W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC5	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77540		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC5	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77540W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC5	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93540		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93540DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93540P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93540P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94540		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC5	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95540		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC5	24	0.16	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP95540W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC5	16	0.32	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96540		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC5	24	0.16	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98540		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC5	21	0.2	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99540		TVCast	6.8 W x 2.6 H x 5.3 D	40	AGC5	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99540TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC5	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11556		Cast	10.0 W x 12.5 H x 5.8 D	56	AGC5	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12556		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13556		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13556DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13556P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13556P16TR		Minimold	5.4 W x 6.35 H x	56	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP14556		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC5	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18556		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP2556		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP31556		Cast	10.0 W x 12.5 H x 5.8 D	56	AGC5	24	0.12	± 45	0.35	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP32556		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP33556		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP33556DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP34556		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC5	30	0.08	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP36556		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC5	24	0.12	± 50	0.35	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP37556		Belobog	3.95 W x 3.95 H x 0.8 D	56	AGC5	24	0.12	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP37556H		Belobog shield	4.3 W x 4.3 H x 1.0 D	56	AGC5	24	0.12	± 75	0.35	1 = OUT; 2, 3, 6, 7, 8 = GND; 4, 5 = V_S		Remote control	SMD
TSOP38556		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC5	24	0.12	± 45	0.35	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP39556		TVCast	6.8 W x 2.6 H x 5.3 D	56	AGC5	30	0.08	± 45	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP39556TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC5	30	0.08	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP4556		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53556		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP53556DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC5	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP57556		Belobog	3.95 W x 3.95 H x 0.8 D	56	AGC5	18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP57556H		Belobog shield	4.3 W x 4.3 H x 1.0 D	56	AGC5	18	0.2	± 75	0.7	1= OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Remote control	SMD
TSOP58556		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC5	18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP59556		TVCast	6.8 W x 2.6 H x	56	AGC5	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			5.3 D										
TSOP59556TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC5	18	0.2	± 45	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP6556		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC5	18	0.2	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP75556		Heimdall	6.8 W x 3.0 H x 3.2 D	56	AGC5	24	0.12	± 50	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP75556W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC5	16	0.25	± 75	0.35	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77556		Heimdall	6.8 W x 3.0 H x 3.2 D	56	AGC5	18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP77556W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC5	12	0.4	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP93556		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	r-map	Remote control	Leaded
TSOP93556DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	r-map	Remote control	SMD
TSOP93556P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	r-map	Remote control	Leaded
TSOP93556P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC5	28	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	r-map	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP94556		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC5	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	r-map	Remote control	Leaded
TSOP95556		Heimdall	6.8 W x 3.0 H x 3.2 D	56	AGC5	24	0.16	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	r-map	Remote control	SMD
TSOP95556W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC5	16	0.32	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	r-map	Remote control	SMD
TSOP96556		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC5	24	0.16	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	r-map	Remote control	SMD
TSOP98556		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC5	21	0.2	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	r-map	Remote control	Leaded
TSOP99556		TVCast	6.8 W x 2.6 H x 5.3 D	56	AGC5	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	r-map	Remote control	Leaded
TSOP99556TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC5	26	0.12	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	r-map	Remote control	SMD
TSOP11630		Cast	10.0 W x 12.5 H x 5.8 D	30	AGC6	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12630		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13630		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13630DF1P		Minimold	5.4 W x 6.35 H x	30	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP13630P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13630P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14630		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18630		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC6	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93630		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93630DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93630P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93630P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	30	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP94630		Mold	6.0 W x 6.95 H x 5.6 D	30	AGC6	35	0.06	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95630		Heimdall	6.8 W x 3.0 H x 3.2 D	30	AGC6	26	0.1	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP95630W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	30	AGC6	18	0.2	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96630		Panhead	7.5 W x 5.3 H x 4.0 D	30	AGC6	26	0.1	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98630		Minicast	5.0 W x 6.95 H x 4.8 D	30	AGC6	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99630		TVCast	6.8 W x 2.6 H x 5.3 D	30	AGC6	30	0.08	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99630TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	30	AGC6	30	0.08	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11633		Cast	10.0 W x 12.5 H x 5.8 D	33	AGC6	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12633		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13633		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13633DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13633P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13633P16TR		Minimold	5.4 W x 6.35 H x	33	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP14633		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded
TSOP18633		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC6	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded
TSOP93633		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded
TSOP93633DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	SMD
TSOP93633P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded
TSOP93633P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	33	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded
TSOP94633		Mold	6.0 W x 6.95 H x 5.6 D	33	AGC6	35	0.06	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded
TSOP95633		Heimdall	6.8 W x 3.0 H x 3.2 D	33	AGC6	26	0.1	± 50	0.37	1, 4 = GND, 2 = V$_S$, 3 = OUT		Remote control	SMD
TSOP95633W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	33	AGC6	18	0.2	± 75	0.37	1, 4 = GND, 2 = V$_S$, 3 = OUT		Remote control	SMD
TSOP96633		Panhead	7.5 W x 5.3 H x 4.0 D	33	AGC6	26	0.1	± 50	0.37	1 = GND, 2 = N.C., 3 = V$_S$, 4 = OUT		Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP98633		Minicast	5.0 W x 6.95 H x 4.8 D	33	AGC6	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99633		TVCast	6.8 W x 2.6 H x 5.3 D	33	AGC6	30	0.08	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99633TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	33	AGC6	30	0.08	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11636		Cast	10.0 W x 12.5 H x 5.8 D	36	AGC6	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT	RC-5	Remote control	Leaded
TSOP12636		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	RC-5	Remote control	Leaded
TSOP13636		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RC-5	Remote control	Leaded
TSOP13636DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RC-5	Remote control	SMD
TSOP13636P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RC-5	Remote control	Leaded
TSOP13636P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RC-5	Remote control	Leaded
TSOP14636		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RC-5	Remote control	Leaded
TSOP18636		Minicast	5.0 W x 6.95 H x	36	AGC6	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RC-5	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.8 D										
TSOP93636		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Panasonic, RC-5	Remote control	Leaded
TSOP93636DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Panasonic, RC-5	Remote control	SMD
TSOP93636P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Panasonic, RC-5	Remote control	Leaded
TSOP93636P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	36	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Panasonic, RC-5	Remote control	Leaded
TSOP94636		Mold	6.0 W x 6.95 H x 5.6 D	36	AGC6	35	0.06	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Panasonic, RC-5	Remote control	Leaded
TSOP95636		Heimdall	6.8 W x 3.0 H x 3.2 D	36	AGC6	26	0.1	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Panasonic, RC-5	Remote control	SMD
TSOP95636W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	36	AGC6	18	0.2	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96636		Panhead	7.5 W x 5.3 H x 4.0 D	36	AGC6	26	0.1	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	Panasonic, RC-5	Remote control	SMD
TSOP98636		Minicast	5.0 W x 6.95 H x 4.8 D	36	AGC6	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Panasonic, RC-5	Remote control	Leaded
TSOP99636		TVCast	6.8 W x 2.6 H x 5.3 D	36	AGC6	30	0.08	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Panasonic, RC-5	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP99636TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	36	AGC6	30	0.08	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Panasonic, RC-5	Remote control	SMD
TSOP11638		Cast	10.0 W x 12.5 H x 5.8 D	38	AGC6	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP12638		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13638		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13638DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13638P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13638P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14638		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18638		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC6	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93638		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, NEC, Sharp	Remote control	Leaded
TSOP93638DF1P		Minimold	5.4 W x 6.35 H x	38	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, NEC, Sharp	Remote control	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP93638P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, NEC, Sharp	Remote control	Leaded
TSOP93638P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	38	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, NEC, Sharp	Remote control	Leaded
TSOP94638		Mold	6.0 W x 6.95 H x 5.6 D	38	AGC6	35	0.06	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, NEC, Sharp	Remote control	Leaded
TSOP95638		Heimdall	6.8 W x 3.0 H x 3.2 D	38	AGC6	26	0.1	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Mitsubishi, NEC, Sharp	Remote control	SMD
TSOP95638W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	38	AGC6	18	0.2	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96638		Panhead	7.5 W x 5.3 H x 4.0 D	38	AGC6	26	0.1	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT	Mitsubishi, NEC, Sharp	Remote control	SMD
TSOP98638		Minicast	5.0 W x 6.95 H x 4.8 D	38	AGC6	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S	Mitsubishi, NEC, Sharp	Remote control	Leaded
TSOP99638		TVCast	6.8 W x 2.6 H x 5.3 D	38	AGC6	30	0.08	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Mitsubishi, NEC, Sharp	Remote control	Leaded
TSOP99638TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	38	AGC6	30	0.08	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT	Mitsubishi, NEC, Sharp	Remote control	SMD
TSOP11640		Cast	10.0 W x 12.5 H x 5.8 D	40	AGC6	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP12640		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND		Remote control	Leaded
TSOP13640		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13640DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP13640P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP13640P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP14640		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP18640		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC6	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93640		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93640DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	SMD
TSOP93640P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	40	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP93640P16TR		Minimold	5.4 W x 6.35 H	40	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.9 D										
TSOP94640		Mold	6.0 W x 6.95 H x 5.6 D	40	AGC6	35	0.06	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP95640		Heimdall	6.8 W x 3.0 H x 3.2 D	40	AGC6	26	0.1	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP95640W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	40	AGC6	18	0.2	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96640		Panhead	7.5 W x 5.3 H x 4.0 D	40	AGC6	26	0.1	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98640		Minicast	5.0 W x 6.95 H x 4.8 D	40	AGC6	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99640		TVCast	6.8 W x 2.6 H x 5.3 D	40	AGC6	30	0.08	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99640TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	40	AGC6	30	0.08	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP11656		Cast	10.0 W x 12.5 H x 5.8 D	56	AGC6	24	0.12	± 45	0.7	1 = GND, 2 = V_S, 3 = OUT	RCA	Remote control	Leaded
TSOP12656		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = V_S, 3 = GND	RCA	Remote control	Leaded
TSOP13656		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S	RCA	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP13656DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$	RCA	Remote control	SMD
TSOP13656P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$	RCA	Remote control	Leaded
TSOP13656P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$	RCA	Remote control	Leaded
TSOP14656		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC6	30	0.08	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$	RCA	Remote control	Leaded
TSOP18656		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC6	24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$	RCA	Remote control	Leaded
TSOP93656		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded
TSOP93656DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	SMD
TSOP93656P10TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded
TSOP93656P16TR		Minimold	5.4 W x 6.35 H x 4.9 D	56	AGC6	32	0.07	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded
TSOP94656		Mold	6.0 W x 6.95 H x 5.6 D	56	AGC6	35	0.06	± 45	0.37	1 = OUT, 2 = GND, 3 = V$_S$		Remote control	Leaded
TSOP95656		Heimdall	6.8 W x 3.0 H x	56	AGC6	26	0.1	± 50	0.37	1, 4 = GND, 2 = V$_S$, 3 = OUT		Remote control	SMD

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			3.2 D										
TSOP95656W		Heimdall no lens	6.8 W x 3.0 H x 2.35 D	56	AGC6	18	0.2	± 75	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSOP96656		Panhead	7.5 W x 5.3 H x 4.0 D	56	AGC6	26	0.1	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Remote control	SMD
TSOP98656		Minicast	5.0 W x 6.95 H x 4.8 D	56	AGC6	24	0.12	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Remote control	Leaded
TSOP99656		TVCast	6.8 W x 2.6 H x 5.3 D	56	AGC6	30	0.08	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	Leaded
TSOP99656TR1		TVCastSMD	6.8 W x 2.6 H x 5.3 D	56	AGC6	30	0.08	± 45	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Remote control	SMD
TSMP58000		Minicast	5.0 W x 6.95 H x 4.8 D	20 to 60		1.8	12	± 45	0.7	1 = carrier OUT, 2 = GND, 3 = V_S		Code learning	Leaded
TSMP6000		Panhead	7.5 W x 5.3 H x 4.0 D	20 to 60		1.8	12	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Code learning	SMD
TSMP77000		Heimdall	6.8 W x 3.0 H x 3.2 D	20 to 60		1.8	12	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = carrier OUT		Code learning	SMD
TSMP97000		Belobog	3.95 W x 3.95 H x 0.8 D	20 to 60		3	4	± 75	0.37	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Code learning	SMD
TSOP32G36		Mold	6.0 W x 6.95 H x	36		30	0.15	± 45	0.35	1 = OUT, 2 = V_S, 3 = GND	RCMM	Remote control	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSOP34G36			5.6 D							1 = OUT, 2 = GND, 3 = V$_S$			
TSOP37G36		Belobog	3.95 W x 3.95 H x 0.8 D	36		24	0.2	± 75	0.35	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V$_S$	RCMM	Remote control	SMD
TSOP38G36		Minicast	5.0 W x 6.95 H x 4.8 D	36		24	0.2	± 45	0.35	1 = OUT, 2 = GND, 3 = V$_S$	RCMM	Remote control	Leaded
TSOP75G36		Heimdall	6.8 W x 3.0 H x 3.2 D	36		24	0.2	± 50	0.35	1, 4 = GND, 2 = V$_S$, 3 = OUT		Remote control	SMD
TSMP1138		Cast	10.0 W x 12.5 H x 5.8 D	38		10	0.5	± 55	0.7	1 = GND, 2 = carrier OUT, 3 = V$_S$		Repeater	Leaded
TSMP4138		Mold	6.0 W x 6.95 H x 5.6 D	38		9	0.6	± 45	0.7	1 = carrier OUT, 2 = GND, 3 = V$_S$		Repeater	Leaded
TSMP58138		Minicast	5.0 W x 6.95 H x 4.8 D	38		7	1	± 45	0.7	1 = carrier OUT, 2 = GND, 3 = V$_S$		Repeater	Leaded
TSSP4038		Mold	6.0 W x 6.95 H x 5.6 D	38		12	0.4	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$		Presence sensors, fast proximity sensors	Leaded
TSSP4038SS1XB		Mold	6.0 W x 6.95 H x 5.6 D	38		2.4	7	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$		Presence sensors, fast proximity sensors	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSSP4P38		Mold	6.0 W x 6.95 H x 5.6 D	38		24	0.12	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$		Proximity sensors	Leaded
TSSP53038		Minimold	6.0 W x 6.95 H x 5.6 D	38		12	0.4	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$		Presence sensors, fast proximity sensors	Leaded
TSSP53038DF1P		Minimold	6.0 W x 6.95 H x 5.6 D	38		12	0.4	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$		Presence sensors, fast proximity sensors	SMD
TSSP53038DF1P		Minimold	6.0 W x 6.95 H x 5.6 D	38		12	0.4	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$		Presence sensors, fast proximity sensors	SMD
TSSP57038		Belobog	3.95 W x 3.95 H x 0.8 D	38		8	0.7	± 75	0.7	1, 4 = GND, 2 = V$_S$, 3 = OUT		Presence sensors, fast proximity sensors	SMD
TSSP57038H		Belobog shield	3.95 W x 3.95 H x 1.0 D	38		8	0.7	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V$_S$		Presence sensors, fast proximity sensors	SMD
TSSP57P38		Belobog	3.95 W x 3.95 H x 0.8 D	38		18	0.2	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V$_S$		Proximity sensors	SMD
TSSP58038		Minicast	5.0 W x 6.95 H x	38		8	0.7	± 45	0.7	1 = OUT, 2 = GND, 3 = V$_S$		Presence sensors,	Leaded

| Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
			4.8 D									fast proximity sensors	
TSSP58P38		Minicast	5.0 W x 6.95 H x 4.8 D	38		18	0.2	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Proximity sensors	Leaded
TSSP6038		Panhead	7.5 W x 5.3 H x 4.0 D	38		8	0.7	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Presence sensors, fast proximity sensors	SMD
TSSP6P38		Panhead	7.5 W x 5.3 H x 4.0 D	38		18	0.2	± 45	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Proximity sensors	SMD
TSSP77038		Heimdall	6.8 W x 3.0 H x 3.2 D	38		8	0.7	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Presence sensors, fast proximity sensors	SMD
TSSP77P38		Heimdall	6.8 W x 3.0 H x 3.2 D	38		18	0.2	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Proximity sensors	SMD
TSSP93038		Minimold	5.4 W x 6.35 H x 4.9 D	38		12	0.4	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	Leaded
TSSP93038DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	38		12	0.4	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSSP94038		Mold	6.0 W x 6.95 H x 5.6 D	38		12	0.1	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	Leaded
TSSP95038		Heimdall	6.8 W x 3.0 H x 3.2 D	38		8	0.7	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Presence sensors, fast proximity sensors	SMD
TSSP96038		Panhead	7.5 W x 5.3 H x 4.0 D	38		8	0.7	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Presence sensors, fast proximity sensors	SMD
TSSP98038		Minicast	5.0 W x 6.95 H x 4.8 D	38		8	0.7	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	Leaded
VSOP98260		VSOP	2.0 W x 2.0 H x 0.76 D	38					0.7	1, 4, 5 = N.C., 2 = V_S, 3 = OUT, 6, 8 = GND, 7 = IN		Code learning	SMD
TSSP4056		Mold	6.0 W x 6.95 H x 5.6 D	56		12	0.4	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSSP4056SS1XB		Mold	6.0 W x 6.95 H x 5.6 D	56		2.4	7	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	Leaded
TSSP53056		Minimold	6.0 W x 6.95 H x 5.6 D	56		12	0.4	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	Leaded
TSSP53056DF1P		Minimold	6.0 W x 6.95 H x 5.6 D	56		12	0.4	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	SMD
TSSP53056DF1P		Minimold	6.0 W x 6.95 H x 5.6 D	56		12	0.4	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	SMD
TSSP57056		Belobog	3.95 W x 3.95 H x 0.8 D	56		8	0.7	± 75	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Presence sensors, fast proximity sensors	SMD
TSSP57056H		Belobog shield	3.95 W x 3.95 H x 1.0 D	56		8	0.7	± 75	0.7	1 = OUT, 2, 3, 6, 7, 8 = GND, 4, 5 = V_S		Presence sensors, fast proximity sensors	SMD
TSSP58056		Minicast	5.0 W x 6.95 H x 4.8 D	56		8	0.7	± 45	0.7	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity	Leaded

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
												sensors	
TSSP6056		Panhead	7.5 W x 5.3 H x 4.0 D	56		8	0.7	± 50	0.7	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Presence sensors, fast proximity sensors	SMD
TSSP77056		Heimdall	6.8 W x 3.0 H x 3.2 D	56		8	0.7	± 50	0.7	1, 4 = GND, 2 = V_S, 3 = OUT		Presence sensors, fast proximity sensors	SMD
TSSP93056		Minimold	5.4 W x 6.35 H x 4.9 D	56		12	0.4	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	Leaded
TSSP93056DF1P		Minimold	5.4 W x 6.35 H x 4.9 D	56		12	0.4	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	SMD
TSSP94056		Mold	6.0 W x 6.95 H x 5.6 D	56		12	0.1	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	Leaded
TSSP95056		Heimdall	6.8 W x 3.0 H x 3.2 D	56		8	0.7	± 50	0.37	1, 4 = GND, 2 = V_S, 3 = OUT		Presence sensors, fast proximity sensors	SMD

Part Number	Product Image	Package	Dimensions (mm)	Carrier Frequency (kHz)	AGC	Transmission Distance Typ. (m)	Detection Threshold / Sensitivity Typ.	Half Viewing Angle (°)	Supply Current Typ. (mA)	Pinning	Recommended for Remote Control Code	Application	Mounting
TSSP96056		Panhead	7.5 W x 5.3 H x 4.0 D	56		8	0.7	± 50	0.37	1 = GND, 2 = N.C., 3 = V_S, 4 = OUT		Presence sensors, fast proximity sensors	SMD
TSSP98056		Minicast	5.0 W x 6.95 H x 4.8 D	56		8	0.7	± 45	0.37	1 = OUT, 2 = GND, 3 = V_S		Presence sensors, fast proximity sensors	Leaded
TSSP-HA		Holder	20.0 W x 13.65 H x 9.0 D	n/a								Presence sensors, proximity sensors	Leaded

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