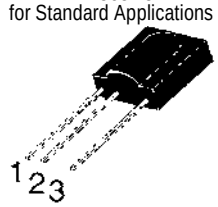
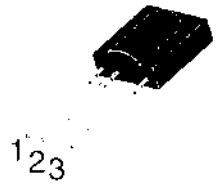
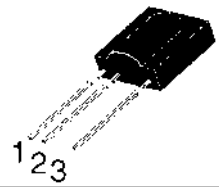
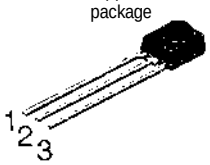
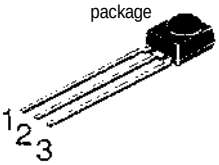
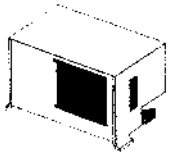
OPTO - DEVICE

Vishay Receivers for IR-Remote Control

PRODUCT DESCRIPTION	TYPE	DIM. FIG.	FO(KHZ)	FEATURES
IR Receiver for Standard Applications 	TSOP1730 TSOP1733 TSOP1736 TSOP1737 TSOP1738 TSOP1740 TSOP1756	72 72 72 72 72 72 72	30 33 36 36.7 38 40 56	• Internal filter for PCM Frequency • Improved shieding against all electrical field disturbances • TTL and CMOS compatibility • Output active low • Continuous data transmissions possible (1200 bit/s) • Suitable burst length = / > 10 cycles/burst • 1 = GND ; 2 = Vs ; 3. = Out.
IR Receiver for use in Disturbed Ambience 	TSOP1230 TSOP1233 TSOP1236 TSOP1237 TSOP1238 TSOP1240 TSOP1256	72 72 72 72 72 72 72	30 33 36 36.7 38 40 56	• Enhanced immunity against all kind of disturbance light • No occurance of disturbance pulses at the output • Continuous data transmission possible (1200 bit/s) • Suitable burst length = / > 10 cycles/burst • tp/T = 0.5 • 1 = GND ; 2 = Vs ; 3. = Out.
IR Receiver for Short Burst Applications 	TSOP1130 TSOP1133 TSOP1136 TSOP1137 TSOP1138 TSOP1140 TSOP1156	72 72 72 72 72 72 72	30 33 36 36.7 38 40 56	• Enhanced data rate of 2400 bit/s. • Operation with short bursts possible(= / > 6 cycles/burst) • tp/T = 0.5 • 1 = GND ; 2 = Vs ; 3. = Out.
IR Receiver for Standard Applications in small package  1=Out; 2=GND; 3=Vs	TSOP1830 TSOP1833 TSOP1836 TSOP1837 TSOP1838 TSOP1840 TSOP1856	73 73 73 73 73 73 73	30 33 36 36.7 38 40 56	• Internal filter for PCM frequency • TTL and CMOS compatibility • Output active low • Small size package • Enhanced immunity against all kind of disturbance light. • No occurance of disturbance pulses at the output • Short setting time after power on(< 200 us)
IR Receiver for Standard Applications in small package  1=Out ; 2= Vs ; 3=GND	TSOP1830 TSOP1833 TSOP1836 TSOP1837 TSOP1838 TSOP1840 TSOP1856	73 73 73 73 73 73 73	30 33 36 36.7 38 40 56	• Internal filter for PCM frequency • TTL and CMOS compatibility • Output active low • Small size package • Enhanced immunity against all kind of disturbance light. • No occurance of disturbance pulses at the output • Short setting time after power on(< 200 us)
IR Receiver for Standard Applications in SMD package	TFMM5300 TFMM5330 TFMM5360 TFMM5370 TFMM5380 TFMM5400 TFMM5560	75 75 75 75 75 75 75	30 33 36 36.7 38 40 56	• Internal filter for PCM frequency • Enhanced immunity against all electrical field disturbances • TTL and CMOS compatibility • Output active low • Continuous data transmission possible(1200 bit/s) • Suitable burst length = / > 10 cycles/burst • tp/T = 0.5 • Top-view package
IR Receiver for Standard Applications in SMD package 	TFMM5300 TFMM5330 TFMM5360 TFMM5370 TFMM5380 TFMM5400 TFMM5560	75 75 75 75 75 75 75	30 33 36 36.7 38 40 56	• Internal filter for PCM frequency • Enhanced immunity against all electrical field disturbances • TTL and CMOS compatibility • Output active low • Continuous data transmission possible(1200 bit/s) • Suitable burst length = / > 10 cycles/burst • tp/T = 0.5 • Top-view package