

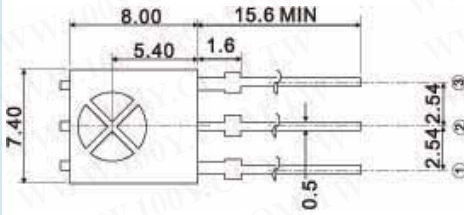


OPTOELECTRONICS & INDICATORS

the Most Recent Electronic Catalogue 2007

Optic Receiver Module

Detailed product specifications are available on: us.100y.com.tw



- ① OUTPUT
- ② GND
- ③ VCC

Device No	Features	Supply voltage	Controlling Distance	Low Level Pulse Width (us)			High Level Pulse Width (us)		
		Vcc (V)	L typ (M)	Min	Typ	Max	Min	Typ	Max
IR001T5	Small type 3pin	4.5-5.5	35	480	600	720	480	600	720

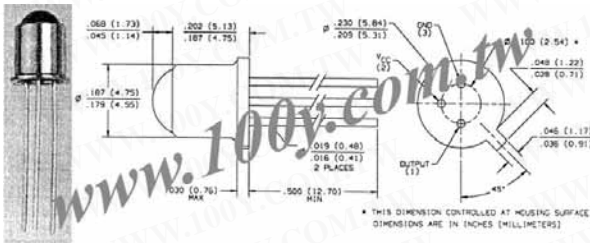
Part No.	Product No.	Manufacturer	Description	Distance (M)	Supply Volt.	$\Delta\theta$ (deg)	λP (nm)	Output From	Fo (Hz)
16268	IR-001T5	Haw Shuenn	Optic Receiver Module For Infrared	35M	4.5~5.5Vcc	$\theta 1/2 : 45^\circ$	940nm	TTL	38kHz



Infrared Distance Measurement

- 5V Output signal
- 3 output modes
- Reliable optics
- Easy to use

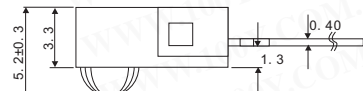
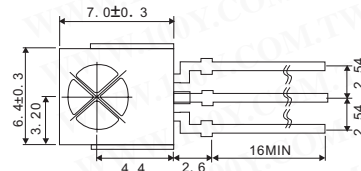
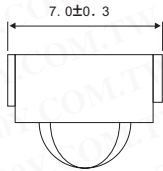
Part No.	Product No.	Description	Distance (M)	Supply Volt.	Output From
23921	IR-01-008A	Infrared Distance Measurement; Digital Infra-Red Ranging System Plus	10cm to 80cm	5Vdc	5V Output Signal



FEATURES

- Four output options
- High noise immunity
- Direct TTL/LSTTL interface
- TO-18 hermetic package
- Mechanically and spectrally matched to the Op130 and Op230 series devices
- Two sensitivity options
- Data rate to 200 kBaud

Part No.	Product No.	Manufacturer	Description
36500	OPL810	OPTEK	Photologic Hermetic Sensor
36503	OPL810-OC	OPTEK	Photologic Hermetic Sensor



FEATURES

- Miniature size
- Built-in exclusive IC
- Wide half angle & long reception distance
- Good noise-proof capability

- High immunity against ambient light
- High protection ability to EMI
- Back metal cover
- Size view
- Mesh

APPLICATIONS

- AV instruments (Audio, TV VCR, CD player)
- Home appliances (Air-conditioner, Fan, Light)
- Remote control for wireless devices

Part No.	Product No.	Description	Distance (M)	Supply Volt.	$\Delta\theta$ (deg)	λP (nm)	Output From	Fo (Hz)
28352	PIC-428LM	Optic Receiver Module For Infrared	15M	5V	± 45	940nm	4.2V Active low	37.9kHz



FEATURES

- Good noise-proof capability
- High immunity against ambient light
- Low power consume

APPLICATIONS

Home appliances, Bauble control for wireless devices

Part No.	Product No.	Description	Distance (M)	Supply Volt.	$\Delta\theta$ (deg)	Fo (Hz)
16745	TL1838A2-K4	Optic Receiver Module For Infrared	15M	3V	± 45	38K



FEATURES

- Photo detector and preamplifier in one package
- Internal filter for PCM frequency
- Improved shielding against electrical field disturbance
- TTL and CMOS compatibility
- Output active low

- Low power consumption
- High immunity against ambient light
- Continuous data transmission possible (up to 2400 bps)
- Suitable burst length ≥ 10 cycles/burst

Part No.	Product No.	Manufacturer	Description	Distance (M)	Supply Volt.	$\Delta\theta$ (deg)	λP (nm)	Output From	Fo (Hz)
32911	TSOP1736	VISHAY	Photo Modules for PCM Remote Control Systems	35M	6Vmax	± 45 deg	950	TTL/CMOS Compatibility	36 kHz



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