



OPTOELECTRONICS & INDICATORS

the Most Recent Electronic Catalogue 2007

Optic Receiver Module

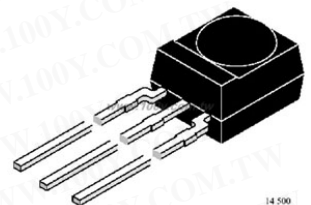


FEATURES

- 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

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

Part No.	Product No.	Manufacturer	Description	Distance (M)	Supply Volt.	$\Delta\theta$ (deg)	λ (nm)	Output From	Fo (Hz)
13424	TSOP1738	VISHAY	Photo Modules for PCM Remote Control Systems	35M	6Vmax	± 45 deg	950	TTL/CMOS Compatibility	38kHz



FEATURES

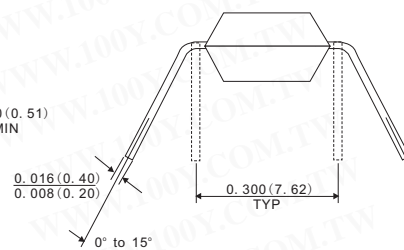
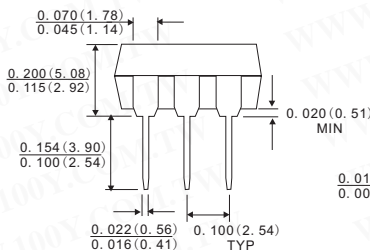
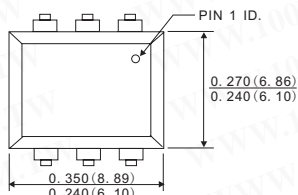
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SPECIAL FEATURES

- Small size package
- Enhanced immunity against all kinds of disturbance light
- No occurrence of disturbance pulses at the output
- Short settling time after power on ($< 200\mu s$)

Part No.	Product No.	Manufacturer	Description	Distance (M)	Supply Volt.	$\Delta\theta$ (deg)	λ (nm)	Fo (Hz)
32910	TSOP1836	VISHAY	Photo Modules for PCM Remote Control Systems	35M	6Vmax	± 45 deg	950	36 kHz
32906	TSOP1838	VISHAY	Photo Modules for PCM Remote Control Systems	35M	6Vmax	± 45 deg	950	38 kHz

IC Type Opto Isolators Transistor Output Optoisolators



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

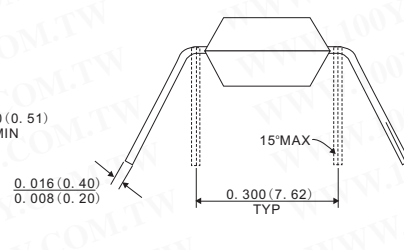
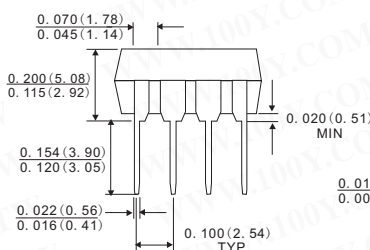
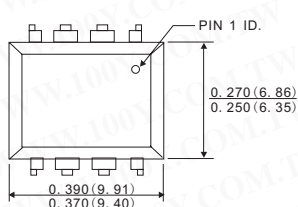
FEATURES

- Also available in white package by specifying -M suffix, eg. 4N25-M
- UL recognized (File #E90700)
- VDE recognized (File #94766)
- Add option V for white package (e. g. , 4N25V-M)
- Add option 300 for black package (e. g. , 4N25.300)

APPLICATIONS

- Power supply regulators
- Digital logic inputs
- Microprocessor inputs

Part No.	Product No.	Manufacturer	Description	Emitter Vf	Emitter If	Detector (Vceo)	Detector Iceo	CTR(%)	Isolation(Vrms)	Pins/Packing
29527	4N25	Fairchild	PHOTOTRANSISTOR OPTOCOUPLER	1.5V	100mA	30V	50nA	100%	5300V	6P/DIP
29535	4N25	MOTOROLA	PHOTOTRANSISTOR OPTOCOUPLER	1.5V	100mA	30V	50nA	100%	5300V	6P/DIP
31432	4N25	QTC	PHOTOTRANSISTOR OPTOCOUPLER	1.5V	100mA	30V	50nA	100%	5300V	6/DIP
7993	4N25	HARRIS	PHOTOTRANSISTOR OPTOCOUPLER	1.5V	100mA	30V	50nA	100%	5300V	6P/DIP
8004	4N26	QTC	PHOTOTRANSISTOR OPTOCOUPLER	1.25V	10mA	30V	10mA	20%	$\pm 1500V$	6P/DIP
8005	4N27	MOTOROLA	PHOTOTRANSISTOR OPTOCOUPLER	1.25V	10mA	30V	10mA	10%	$\pm 1500V$	6P/DIP
7994	4N35	Fairchild	PHOTOTRANSISTOR OPTOCOUPLER	1.5V	80mA	30V	50mA	100%	3550Vac	6P/DIP
19306	4N35-QTC	QTC	PhotoTransistor Optocoupler	1.2V	60mA	30V	100mA	40~100%	5300V	6P/DIP
14301	4N37	QTC	PHOTOTRANSISTOR OPTOCOUPLER	1.5V	100mA	30V	50nA	100%	5300V	6/DIP



FEATURES

- High speed-1 MBit/s
- Superior CMR-10 kV/ μs
- Dual-Channel HCPL-2530/HCPL-2531
- Double working voltage-480V RMS
- CTR guaranteed 0-70°C
- U. L. recognized (File #E90700)

APPLICATIONS

- Line receivers
- Pulse transformer replacement
- Output interface to CMOS-LSTTL-TTL
- Wide bandwidth analog coupling

Part No.	Product No.	Manufacturer	Description	Emitter Vf	Emitter If	Detector (Vceo)	Detector Iceo	CTR(%)	Isolation(Vrms)	Pins/Packing
35706	6N135	Agilent	Single Channel, High Speed Optocouplers	1.5	25mA	15	16mA	18%	2500Vrms	8P-DIP
28038	6N135	Fairchild	1Mbits/S Middle Speed Optoisolators-1MBD TTL ISOLATOR	1.5	25mA	15	16mA	18%	2500Vrms	8P/DIP



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