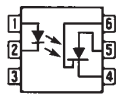


Optocouplers — Continued

SCR Output



Optocouplers with light activated SCR detectors.
Approved to IEC65, IEC950, BSEN60065, BSEN60950, EN41003.

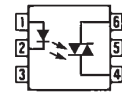


Isolation Voltage	I _F Trigger (typ.)	Blocking Voltage (min.)	RMS Fwrd. Current (max.)	Mftrs. List No.	Order Code
7500V dc	5mA	400V	300mA	H11C4	213-676
7500V dc	7mA	400V	300mA	H11C6	213-688

OPT132

Mftrs. List No.	Order Code	Price Each			
		1+	100+	250+	500+
H11C4	213-676				
H11C6	213-688				

Triac Driver



MOC30XX and TLP30XX are **UL** recognised.
Optocouplers with light activated silicon bilateral switch detectors, designed for applications requiring isolated triac triggering.

◆ = Zero voltage crossing triac drivers to give reduced EMI and line noise, and improved static dv/dt.

Isolation Voltage (pk)	I _F Trigger (max.)	Blocking Voltage (min.)	RMS Fwrd. Current @ 25°C (max.)	Mftr.	Mftrs. List No.
7500V	15mA	250V	100mA	QT	MOC3010-M
7500V	10mA	250V	100mA	QT	MOC3011-M
7500V	5mA	250V	100mA	QT	MOC3012-M
7500V	15mA	400V	100mA	QT	MOC3021-M
7500V	10mA	400V	100mA	QT	MOC3022-M
7500V	5mA	400V	100mA	QT	MOC3023-M
7500V	30mA	400V	100mA	QT	MOC3020
7500V	15mA	400V	100mA	QT	MOC3021
7500V	10mA	400V	100mA	QT	MOC3022
7500V	10mA	400V	100mA	QT	◆MOC3042-M
7500V	5mA	400V	100mA	QT	◆MOC3043-M
7500V	15mA	600V	100mA	QT	◆MOC3061-M
7500V	15mA	400V	100mA	Isocom	◆MOC3041
3535V	15mA	250V	100mA	TI	TIL3010
3535V	10mA	250V	100mA	TI	TIL3011
3535V	5mA	250V	100mA	TI	TIL3012
3535V	30mA	400V	100mA	TI	TIL3020
7500V	30mA	250V	100mA	TI	MOC3009
7500V	15mA	250V	100mA	TI	MOC3010
7500V	10mA	250V	100mA	TI	MOC3011
7500V	5mA	250V	100mA	TI	MOC3012
2500V	10mA	400V	100mA	Toshiba	TLP560G
6000V	10mA	400V	100mA	Toshiba	TLP3022
6000V	5mA	400V	100mA	Toshiba	◆TLP3023
6000V	5mA	400V	100mA	Toshiba	TLP3043
6000V	10mA	600V	100mA	Toshiba	◆TLP3052
6000V	10mA	600V	100mA	Toshiba	◆TLP3062
6000V	5mA	600V	100mA	Toshiba	◆TLP3063

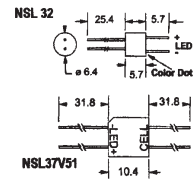
OPT133

Mftrs. List No.	Order Code	Price Each				
		1+	25+	100+	250+	500+
MOC3010-M	885-629					
MOC3011-M	885-630					
MOC3012-M	885-642					
MOC3021-M	885-654					
MOC3022-M	885-666					
MOC3023-M	885-678					
MOC3020	280-320					
MOC3021	280-331					
MOC3022	280-343					
MOC3042-M	885-708					
MOC3043-M	885-710					
MOC3061-M	885-721					
MOC3041	327-074					
TIL3010	994-042					
TIL3011	994-054					
TIL3012	994-066					
TIL3020	327-086					
TLP560G	624-100					
MOC3009	994-078					
MOC3010	994-080					
MOC3011	994-091					
MOC3012	994-108					
TLP3022	620-750					
TLP3023	620-762					
TLP3043	620-798					
TLP3052	620-853					
TLP3062	620-816					
TLP3063	620-828					

Photoresistive Optocouplers



SILONEX



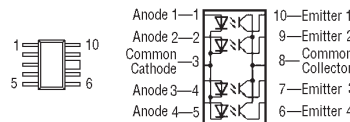
Photoresistor optocouplers are ideal for audio applications, Soft switching, potentiometer replacement, compressors, expanders, limiters, etc. The resistive output of this type of device has very low distortion characteristics.

Mftrs. List No.	LED I _F (mA)	R _{on} Max (Ω)	R _{dark} Min (Ω)	Order Code
NSL 32	20	500	500K	316-8773
NSL 37V51	40	2000	10M	316-8785

OPT1678

Mftrs. List No.	Order Code	Price Each		
		1+	25+	100+
NSL 32	316-8773			
NSL 37V51	316-8785			

Surface Mount, Quad Channel -



A quad channel optocoupler in an industry standard SOT223 package which results in a remarkable optocoupler channel to PCB area ratio (5.7mm² per channel). Pin count is reduced by the use of common anode inputs and common collector outputs.

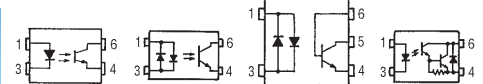
Isolation Voltage (AC RMS)	Curr Trsfr Ratio % (min-max)	Breakdown V _(BR) CEO (min)	Mftrs. List No.	Order Code
2500	160-320 @ I _F = 1mA	70	SFH6943-4	881-922

OPT491

Order Code	Price Each				
	1+	25+	100+	250+	500+
881-922					

Mini Flat - Surface Mount

Transistor Output, Darlington Transistor Output



Part No.	Configuration	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6
TLP181	1 Anode, 3 Cathode, 4 Emitter, 6 Collector	1	3	4	6		
TLP120, TLP126	1 Anode, Cathode, 3 Cathode, Anode, 4 Emitter, 6 Collector	1	3	4	6		
TLP130	1 Anode, Cathode, 3 Cathode, Anode, 4 Emitter, 5 Collector, 6 Base	1	3	4	6		
TLP127	1 Anode, 3 Cathode, 4 Emitter, 6 Collector	1	3	4	6		

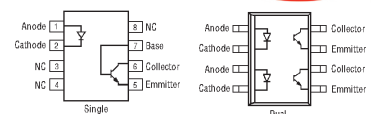
Isolation Voltage (min.)	Curr. Trsfr. Ratio (min.) @ I _F	Breakdown V _(BR) CEO (min)	Mftrs. List No.	Order Code
3750	100% @ 5mA	80V	TLP181	623-891
3750	100% @ ±5mA	80V	TLP120	623-908
3750	100% @ ±1mA	80V	TLP126	623-910
2500	1000% @ 1mA	300V	TLP127	623-933

OPT403

Order Code	Price Each				
	1+	25+	100+	250+	500+
623-891					
623-908					
623-910					
623-933					



H = 3.18, W = 6.10, D = 5.84



Pin out (c)



Pin out (d)



Pin out (e)