



Optolink

OPTOCOUPLERS

PHOTO SCR's Single Channel DIP, Photo SCR

Part Number		Input Trigger Current VAK = 100V RGK = 27 kΩ MAX (mA)	Isolation Breakdown Voltage V (RMS)	Continuous Forward Current MAX (mA)	PIV LED ② 10μA MIN (V)	Peak Off-State Reverse Voltage RGK = 10 kΩ TA = 100°C MIN (V)	On-State Voltage IM = 0.3A MAX (V)
H11C4	Optically Coupled Pair with infrared LED Emitter and light Activated Silicon Controlled Rectifier	11	5000	60	3.0	400	1.3
H11C5		11					
H11C6		14					
CNY30		11					
CNY34		11					
MCS2400		14					
4N39		14					
4N40		14					
PT605		11					
PT606		14					
						200	
						400	
						400	1.3 (IM = 100mA)
						200	1.3
						400	1.3 (IM = 100mA)
						625	



Phototransistor General Purpose

Part Number		Current Transfer Ratio (IF = 10mA) MIN (%)	Isolation Breakdown Voltage V dc	Continuous Forward Current MAX (mA)	PIV LED ② 10μA MIN (V)	BVCEO ② 1mA MIN (V)	ICEO (Dark) VCE = 10V MAX (nA)	VCE Sat IF = 16mA IC = 2mA MAX (V)
PT-1	Optically Coupled Pair with infrared LED Emitter and NPN Silicon Photo Transistor	20	3500	60	3.0	30	50	0.5
PT-5		50						(IC = 1.5mA)
PT-74		12.5 (IF = 16mA)						0.5 (IC = 0.5mA)
MCT 2		20						0.4
MCT 2E		50						0.4
TIL 111		12.5 (IF = 16mA) (VCE = 0.4V)						0.4 (IF = 10mA)
H11 A1		50						0.4 (IF = 10mA) (IC = 0.5mA)

High Collector - Emitter Voltage

Part Number		Current Transfer Ratio (IF = 10mA) MIN (%)	Isolation Breakdown Voltage V (Peak)	Continuous Forward Current MAX (mA)	Forward Voltage IF = 10mA MAX (V)	BVCEO ② 1mA RBE = 1 MΩ MIN (V)	ICEO (Dark) MAX (nA)	VCE Sat IF = 10mA IC = 0.5mA MAX (V)
H11D1	Optically Coupled pair with infrared Emitting Diode and Silicon High Voltage Photo Transistor	20	7500	60	1.5	300	100 (VCE = 200V)	0.4
H11D2								
H11D3			5300					
H11D4			10					
						200	100 (VCE = 100V)	