

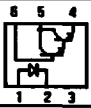


ISOCOM LTD

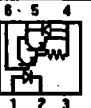
Optolink

OPTOCOUPLEDERS


PHOTO DARLINGTON With base connection

Part Number		CTR ($I_f = 10\text{mA}$) MIN(%)	Isolation Breakdown Voltage V dc	Continuous Forward Current MAX (mA)	PIV LED ① $10\mu\text{A}$ MIN (V)	BVCEO ① 1mA MIN (V)	ICEO (Dark) VCE = 10V MAX(nA)	VCE Sat $I_f = 8\text{mA}$ $I_C = 2\text{mA}$ MAX (V)
4N29	Optically Coupled Pair with Infrared Emitter and Photo Darlington Transistor	100	3300 rms	60	3	30	50	1.0 ($I_f = I_C = 1\text{mA}$) 1.0 ($I_f = I_C = 50\text{mA}$)
4N30		50						
4N31								
4N32		500						
4N33		500 ($I_f = 1\text{mA}$)	3550		3.0	30	100	
H11B1	100 ($I_f = 1\text{mA}$)	55						
MCA2-55								

High Voltage, with Base Connection

Part Number		BVCEO ① 1mA MIN (V)	CTR $I_f = 1\text{mA}$ VCE = 2V MIN (%)	Isolation Breakdown Voltage MIN (V)	Continuous Forward Current MAX (mA)	PIV LED ① $10\mu\text{A}$ MIN (V)	VCEO (Dark) VCE = 10V MAX(nA)	VCE Sat $I_f = 10\text{mA}$ $I_C = 100\text{mA}$ MAX (V)	SWITCHING TIME VCE = 2V $I_C = 20\text{mA}$ $R_L = 100\Omega$ TYP (μs)	
									tf	tr
PT660	High Collector to Emitter Break- down Voltage >1000% CTR and Low Dark Current	200	1000	7500	60	6	100	1.2	30	130
PT661		300								
PT662		400								

High Sensitivity, without Base Connectors

Part Number		Current Transfer Ratio ($I_f = 1\text{mA}$) MIN(%)	Isolation Breakdown Voltage V dc	Continuous Forward Current MAX (mA)	PIV LED ① $10\mu\text{A}$ MIN (V)	BVCEO ① 1mA MIN (V)	ICEO (Dark) VCE = 10V MAX (nA)	VCE Sat $I_f = 10\text{mA}$ $I_C = 10\text{mA}$ MAX (V)
P1PD60	Optically Coupled Pair with Infrared Emitter and Photo Darlington Transistor	100	2500	60	3.0	30	1000	1.0
P1PD61		500						
P1PD62		1000						
P1PD63		100	5000					
P1PD64		500						
P1PD65		1000						
MOC8050		500 ($I_f = 10\text{mA}$)	7500(Pk)					
TIL119	300 ($I_f = 10\text{mA}$)	1500	30	100				