



BI-DIRECTIONAL PHOTO DARLINGTON OUTPUT

Safety standards:

- UL = UL Recognized (E76222)
- UL/VDE = UL Recognized (E76222) and VDE Recognized



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (mA)	BVCEO (V)	BVECO (V)	Rise and Fall Times Typ. (us)	Isolation Voltage (VRMS)	Current Transfer Ratio (Min./Typ.) (%)			Price Each		
Mfr.	Mfr. Part Number												1	100	500
782	H11AA1	A	DIP-6	UL	60	30	7.0	----/----	5.3kV	20/----			.80	.64	.53



For quantities greater than listed, call for quote.

PHOTO SCR OUTPUT

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (mA)	VF Typ. (V)	IR Max. (V)	Forward Blocking Volt. (Min.) (V)	Isolation Voltage (VRMS)	Turn-On Current (Typ./Max.) (mA)		Price Each		
Mfr.	Mfr. Part Number											1	100	500
782	4N39	B	DIP-6	UL	60	1.2	10.0	200.0	5.3kV	15/30		2.48	1.98	1.63
782	H11C4	B	DIP-6	UL	60.0	1.2	10.0	400.0	5.3kV	----/20		2.48	1.98	1.63
782	H11C5	B	DIP-6	UL	60.0	1.2	10.0	400.0	5.3kV	----/20		2.48	1.98	1.63
782	H11C6	B	DIP-6	UL	60.0	1.2	10.0	400.0	5.3kV	----/30		2.48	1.98	1.63



TRIAC DRIVER OUTPUT

MOUSER STOCK NO.		Fig.	Package	Safety Standard	dv/dt V/us	VDRM (V) (Min.)	IF (mA)	Peak On-State Voltage (Max.) (V)	Isolation Voltage (VRMS)	Emitter Diode Trigger Current (mA) (Typ./Max.)		Price Each		
Mfr.	Mfr. Part Number											1	100	500
78	K3010P	C	DIP-6	UL/VDE	10	250	80.0	3.0	3.75kV	8.0/15.0		.52	.41	.34
78	K3011P	C	DIP-6	UL/VDE	10	250	80.0	3.0	3.75kV	5.0/10.0		.53	.43	.36
78	K3012P	C	DIP-6	UL/VDE	10	250	80.0	3.0	3.75kV	2.0/5.0		.55	.44	.36
78	K3020P	C	DIP-6	UL/VDE	10	400	80.0	3.0	3.75kV	15.0/30.0		.52	.41	.34
78	K3021P	C	DIP-6	UL/VDE	10	400	80.0	3.0	3.75kV	8.0/15.0		.53	.43	.36
78	K3022P	C	DIP-6	UL/VDE	10	400	80.0	3.0	3.75kV	5.0/10.0		.55	.44	.36
78	K3023P	C	DIP-6	UL/VDE	10	400	80.0	3.0	3.75kV	2.0/5.0		.57	.46	.39



For quantities greater than listed, call for quote.

HIGH SPEED PHOTO TRANSISTOR OUTPUT

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (mA)	Max Sup. Volt. (V)	Data Rate Typ (bit/s)	Delay Time tPHL/tPLH (us)	Isolation Voltage (VRMS)	Current Transfer Ratio (Min./Typ.) (%)		Price Each		
Mfr.	Mfr. Part Number											1	100	500
782	6N135	D	DIP-8	UL	25	15	1.0M	0.3/0.3	5.3kV	300/1600		.90	.72	.59
782	6N136	D	DIP-8	UL	25	15	1.0M	0.2/0.2	5.3kV	0.2/0.2		.93	.74	.61



For quantities greater than listed, call for quote.

LOW INPUT CURRENT, HIGH GAIN TRANSISTOR OUTPUT

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (mA)	Max Sup. Volt. (V)	Input Current (mA)	Delay Time tPHL/tPLH (us)	Isolation Voltage (VRMS)	Current Transfer Ratio (Min./Typ.) (%)		Price Each		
Mfr.	Mfr. Part Number											1	100	500
782	6N138	E	DIP-8	UL	25	7	0.5	2.0/2.0	5.3kV	300/1600		1.00	.80	.66
782	6N139	E	DIP-8	UL	25	18	0.5	6.0/4.0	5.3kV	400/1600		1.10	.88	.73



For quantities greater than listed, call for quote.

INFRARED RECEIVERS

MOUSER STOCK NO.		Fig.	Supply Voltage (V)	Supply Current (Typ.) (mA)	Carrier Freq. (kHz)	Trans. Dist. (m)	Cont. Data Trans.	Power Consump. (mW)	Directivity (°)	Burst Length Cycles/burst	Price Each		
Mfr.	Mfr. Part Number										1	100	500
782	TSOP1230	F	4.5 to 5.5	0.6	30.0	35.0	800 bits/sec	50.0	+/-45	=>10	1.08	.86	.71
782	TSOP1238	F	4.5 to 5.5	0.6	38.0	35.0	800 bits/sec	50.0	+/-45	=>10	1.08	.86	.71
782	TSOP1240	F	4.5 to 5.5	0.6	40.0	35.0	800 bits/sec	50.0	+/-45	=>10	1.08	.86	.71
782	TSOP4830	G	4.5 to 5.5	1.1	30.0	35.0	800 bits/sec	50.0	+/-45	=>10	1.08	.86	.71
782	TSOP4838	G	4.5 to 5.5	1.1	38.0	35.0	800 bits/sec	50.0	+/-45	=>10	1.08	.86	.71
782	TSOP4840	G	4.5 to 5.5	1.1	40.0	35.0	800 bits/sec	50.0	+/-45	=>10	1.08	.86	.71



For quantities greater than listed, call for quote.

INFRARED EMITTERS

MOUSER STOCK NO.		Fig.	Angle of Half Intensity	Radiant Intensity @ IF		Forward Intensity @ IF		Peak Emission Wavelength (nm)	Reverse Current (uA)	Rise/Fall Times (ns)	Price Each		
Mfr.	Mfr. Part Number			(min/tp) (mW/sr)	(mA)	(typ/max) (V)	(mA)				1	100	500
782	TSAL6100	H	+/- 10°	40/60	100	1.35/1.6	100	940	10	800/800	.21	.17	.14
782	TSAL6200	H	+/- 17°	40/60	100	1.35/1.6	100	940	10	800/800	.21	.17	.14
782	TSAL6400	H	+/- 25°	25/40	100	1.35/1.6	100	940	10	800/800	.21	.17	.14
782	TSAL7200	H	+/- 17°	40/60	100	1.35/1.6	100	940	10	800/800	.21	.17	.14
782	TSAL7400	H	+/- 25°	25/40	100	1.35/1.6	100	940	10	800/800	.21	.17	.14

