

EVERLIGHT Opto Components



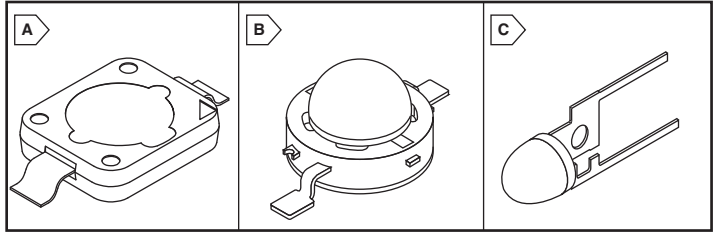
RoHS Compliant This product is RoHS compliant.

HIGH POWER INFRARED LED



For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Fig.	Wavelength (nm)	Radiant Intensity	Forward Current	Price Each		
					1	10	100
638-HIR-A07/L183-P01	A	850nm	70 mW/sr	700mA	6.42	5.88	4.92
638-HIRAX08SL183P01	B	850nm	60 mW/sr	700mA	7.93	7.12	6.01
638-HIR5393CL223	C	850nm	60 mW/sr	350mA	1.93	1.73	1.46



INFRARED EMITTING DIODES

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Package	Wavelength (nm)	Power (mW/sr)	Price Each			
				1	50	100	500
Surface Mount							
638-IR19-21C/L11	0603	850	0.2	.88	.76	.64	.53
638-IR17-21C	0805	940	0.2	.21	.19	.157	.128
638-IR11-21C	1206	940	0.5	.42	.37	.31	.25
638-IR15-21C/L10	1206	940	0.2	.23	.20	.168	.137
638-IR67-21C	PLCC-2	940	1.0	.33	.29	.24	.20
Thru-Hole							
638-IR204-A	T1	940	4	.18	.16	.132	.108
638-IR204/H16/L10	T1	940	2.8	.18	.16	.135	.11

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Package	Wavelength (nm)	Power (mW/sr)	Price Each			
				1	50	100	500
Thru-Hole (Cont.)							
638-SIR204-A	T1	875	4	.34	.30	.25	.20
638-HIR204	T1	850	7.8	.53	.46	.39	.32
638-IR204/H0	T1	850	4	.53	.46	.39	.32
638-IR333-A	T1-3/4	940	7.8	.19	.16	.138	.113
638-SIR333-A	T1-3/4	875	7.8	.30	.26	.22	.178
638-HIR333	T1-3/4	850	7.8	.78	.67	.57	.47
638-IR908-7C	Side Look	940	0.14	.19	.17	.14	.115
638-IR928-6C	Side Look	940	0.14	.20	.18	.149	.122

INFRARED REMOTE CONTROL RECEIVER MODULES

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	B.P.F. Center Freq. (KHz)	Supply Voltage Typ. (V)	Supply Current Max. (mA)	Trans Distance Min. (m)	Angle θh(°)	Price Each			
							1	50	100	500
638-IRM-8601S	EL-IRM-8601S	38	5	3	8	±45	1.24	1.08	.91	.74

PHOTOTRANSISTORS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Package	Lens Color	Rise/Fall Time (μs)	BV _{CEO} Min. (V)	IC (on) Max (nA)	Price Each			
							1	50	100	500
Surface Mount										
638-PT11-21C/L41	EL-PT11-21C/L41/TR8	1105	Water Clear	15/15	60	0.5	.15	.13	.113	.092
638-PT15-21B	EL-PT15-21B	1206	Black	15/15	30	0.1	.17	.15	.124	.101
638-PT15-21C	EL-PT15-21C	1206	Water Clear	15/15	30	0.1	.17	.15	.124	.101
638-PT67-21C/L41	EL-PT67-21C/L41	PLCC-2	Water Clear	15/15	60	0.5	.28	.24	.20	.167
638-PT91-21B/F10	EL-PT91-21B/F10	1.9mm Z-Bend	Black	15/15	30	1.0	.22	.19	.162	.133
Thru-Hole										
638-PT204-6B	EL-PT204-6B	T1	Black	15/15	30	0.7	.16	.14	.116	.095
638-PT204-6C	EL-PT204-6C	T1	Water Clear	15/15	30	0.7	.15	.13	.113	.092
638-PT908-7B	EL-PT908-7B	Side View	Black	15/15	30	0.8	.28	.25	.21	.17
638-PT908-7C	EL-PT908-7C	Side View	Water Clear	15/15	30	0.8	.21	.18	.151	.124
638-PT928-6C	EL-PT928-6C	Side View	Water Clear	15/15	30	0.52	.24	.21	.179	.146

OPTOCOUPLERS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Package	Operating Temp. (°C)	Peak Breakdown Voltage (V)	LED Trigger Current (mA)	Isolation Voltage (Vrms)	Price Each			
							1	50	100	500
Zero Cross Triac Driver Output										
638-EL3033	EL3033	DIP-6	-55 to +100	250	5	5000	.57	.48	.38	.30
638-EL3033STA	EL3033S(TA)	SMD-6	-55 to +100	250	5	5000	.57	.48	.38	.30
638-EL3043	EL3043	DIP-6	-55 to +100	400	5	5000	.57	.48	.38	.30
638-EL3043STA	EL3043S(TA)	SMD-6	-55 to +100	400	5	5000	.57	.48	.38	.30
638-EL3063	EL3063	DIP-6	-55 to +100	600	5	5000	.63	.53	.42	.34
638-EL3063STA	EL3063S(TA)	SMD-6	-55 to +100	600	5	5000	.63	.53	.42	.34
638-EL3083	EL3083	DIP-6	-55 to +100	800	5	5000	.66	.55	.44	.35
638-EL3083STA	EL3083S(TA)	SMD-6	-55 to +100	800	5	5000	.66	.55	.44	.35
Random-Phase Triac Driver Output										
638-EL3012	EL3012	DIP-6	-55 to +100	250	5	5000	.50	.41	.33	.26
638-EL3012STA	EL3012S(TA)	SMD-6	-55 to +100	250	5	5000	.50	.41	.33	.26
638-EL3023	EL3023	DIP-6	-55 to +100	400	5	5000	.50	.41	.33	.26
638-EL3023STA	EL3023S(TA)	SMD-6	-55 to +100	400	5	5000	.50	.41	.33	.26
638-EL3052	EL3052	DIP-6	-55 to +100	600	10	5000	.53	.44	.35	.28
638-EL3052STA	EL3052S(TA)	SMD-6	-55 to +100	600	10	5000	.53	.44	.35	.28
638-EL3053	EL3053	DIP-6	-55 to +100	600	5	5000	.54	.45	.36	.29
638-EL3053STA	EL3053S(TA)	SMD-6	-55 to +100	600	5	5000	.54	.45	.36	.29

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Everlight Part No.	Package	Operating Temp. (°C)	Current Transfer Ratio (%)	Collector-Emitter Volt (V)	Isolation Voltage (Vrms)	Price Each			
							1	50	100	500
Phototransistor Output, DC Input										
638-EL357	EL357	SOP-4	-55 to +100	50 ~ 600	80	3750	.20	.16	.13	.10
638-EL816X	EL816(X)	DIP-4	-55 to +100	100 ~ 200	80	5000	.17	.15	.12	.093
638-CNY171	CNY17-1	DIP-6	-55 to +110	40 ~ 80	80	5000	.27	.23	.18	.14
638-CNY171STA	CNY17-1S(TA)	DIP-6	-55 to +110	40 ~ 80	80	5000	.27	.23	.18	.14
638-CNY172	CNY17-2	DIP-6	-55 to +110	63 ~ 125	80	5000	.27	.23	.18	.14
638-CNY172STA	CNY17-2S(TA)	DIP-6	-55 to +110	63 ~ 125	80	5000	.27	.23	.18	.14
638-CNY173	CNY17-3	DIP-6	-55 to +110	100 ~ 200	80	5000	.27	.23	.18	.14
638-CNY173STA	CNY17-3S(TA)	DIP-6	-55 to +110	100 ~ 200	80	5000	.27	.23	.18	.14
638-CNY17F1	CNY17F-1	DIP-6	-55 to +110	40 ~ 80	80	5000	.30	.25	.20	.16
638-CNY17F1STA	CNY17F-1S(TA)	DIP-6	-55 to +110	40 ~ 80	80	5000	.30	.25	.20	.16
638-CNY17F2	CNY17F-2	DIP-6	-55 to +110	63 ~ 125	80	5000	.30	.25	.20	.16
638-CNY17F2STA	CNY17F-2S(TA)	DIP-6	-55 to +110	63 ~ 125	80	5000	.30	.25	.20	.16
638-CNY17F3	CNY17F-3	DIP-6	-55 to +110	100 ~ 200	80	5000	.30	.25	.20	.16
638-CNY17F3STA	CNY17F-3S(TA)	DIP-6	-55 to +110	100 ~ 200	80	5000	.30	.25	.20	.16
Phototransistor Output, AC Input										
638-EL814	EL814	DIP-4	-55 to +110	20 ~ 300	80	5000	.27	.23	.18	.14
638-EL814STA	EL814S(TA)	DIP-4	-55 to +110	20 ~ 300	80	5000	.27	.23	.18	.14
638-EL814A	EL814(A)	DIP-4	-55 to +110	50 ~ 150	80	5000	.30	.25	.20	.16
638-EL814SATA	EL814S(A)(TA)	DIP-4	-55 to +110	50 ~ 150	80	5000	.30	.25	.20	.16

