

# EVERLIGHT Opto Components

EVERLIGHT

 This product is RoHS compliant.

## INFRARED EMITTING DIODES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Package	Wavelength (nm)	Power (mW/sr)	Price Each			
				1	50	100	500
<b>Surface Mount</b>							
638-HIR19-21C/L11	0603	850	0.2	.54	.45	.38	.29
638-IR17-21C	0805	940	0.2	.20	.16	.11	.084
638-IR11-21C	1206	940	0.5	.21	.17	.12	.09
638-IR15-21C/L10	1206	940	0.2	.32	.26	.18	.14
638-IR67-21C	PLCC-2	940	1.0	.31	.259	.179	.139
<b>Thru-Hole</b>							
638-IR204-A	T1	940	4	.16	.13	.09	.07
638-IR204/H16/L10	T1	940	2.8	.17	.14	.10	.073

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MOUSER STOCK NO.	Package	Wavelength (nm)	Power (mW/sr)	Price Each			
				1	50	100	500
<b>Thru-Hole (Cont.)</b>							
638-SIR204-A	T1	875	4	.29	.23	.17	.12
638-HIR204	T1	850	7.8	.43	.35	.30	.23
638-HIR204/H0	T1	850	4	.43	.35	.30	.23
638-IR333-A	T1-3/4	940	7.8	.18	.15	.11	.079
638-SIR333-A	T1-3/4	875	7.8	.30	.24	.17	.13
638-HIR333-A	T1/34	850	7.8	.87	.71	.60	.44
638-IR908-7C	Side Look	940	0.14	.27	.22	.15	.11
638-IR928-6C	Side Look	940	0.14	.28	.23	.16	.12

## PHOTOTRANSISTORS

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MOUSER STOCK NO.	Everlight Part No.	Package	Lens Color	Rise/Fall Time (μs)	BV <sub>CEO</sub> Min. (V)	IC (on) Max (nA)	Price Each			
							1	50	100	500
<b>Surface Mount</b>										
638-PT11-21C/L41	EL-PT11-21C/L41/TR8	1105	Water Clear	15/15	60	0.5	.16	.13	.09	.07
638-PT15-21B	EL-PT15-21B	1206	Black	15/15	30	0.1	.16	.13	.09	.068
638-PT15-21C	EL-PT15-21C	1206	Water Clear	15/15	30	0.1	.16	.13	.09	.068
638-PT67-21C/L41	EL-PT67-21C/L41	PLCC-2	Water Clear	15/15	60	0.5	.26	.21	.15	.11
<b>Thru-Hole</b>										
638-PT204-6B	EL-PT204-6B	T1	Black	15/15	30	0.7	.14	.12	.09	.079
638-PT204-6C	EL-PT204-6C	T1	Water Clear	15/15	30	0.7	.16	.13	.09	.068
638-PT908-7B	EL-PT908-7B	Side View	Black	15/15	30	0.8	.39	.32	.23	.17
638-PT908-7C	EL-PT908-7C	Side View	Water Clear	15/15	30	0.8	.29	.23	.17	.12
638-PT928-6C	EL-PT928-6C	Side View	Water Clear	15/15	30	0.52	.34	.28	.20	.15

## OPTOCOUPLERS

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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
<b>Zero Cross Triac Driver Output</b>										
638-EL3043	EL3043	DIP-6	-55 to +100	400	5	5000	.77	.629	.532	.384
638-EL3043STA	EL3043S(TA)	SMD-6	-55 to +100	400	5	5000	.77	.629	.532	.384
638-EL3063	EL3063	DIP-6	-55 to +100	600	5	5000	.76	.628	.533	.389
638-EL3063STA	EL3063S(TA)	SMD-6	-55 to +100	600	5	5000	.76	.628	.533	.389
638-EL3083	EL3083	DIP-6	-55 to +100	800	5	5000	.84	.691	.586	.428
638-EL3083STA	EL3083S(TA)	SMD-6	-55 to +100	800	5	5000	.84	.691	.586	.428
<b>Random-Phase Triac Driver Output</b>										
638-EL3052	EL3052	DIP-6	-55 to +100	600	10	5000	.72	.599	.518	.389
638-EL3052STA	EL3052S(TA)	SMD-6	-55 to +100	600	10	5000	.72	.599	.518	.389
638-EL3053	EL3053	DIP-6	-55 to +100	600	5	5000	.76	.638	.549	.409
638-EL3053STA	EL3053S(TA)	SMD-6	-55 to +100	600	5	5000	.76	.638	.549	.409

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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
<b>Phototransistor Output, DC Input</b>										
638-EL816X	EL816(X)	DIP-4	-55 to +100	100 ~ 200	80	5000	.32	.269	.189	.139
638-CNY171	CNY17-1	DIP-6	-55 to +110	40 ~ 80	80	5000	.35	.301	.257	.191
638-CNY171STA	CNY17-1S(TA)	DIP-6	-55 to +110	40 ~ 80	80	5000	.21	.19	.173	.166
638-CNY172	CNY17-2	DIP-6	-55 to +110	63 ~ 125	80	5000	.35	.301	.257	.191
638-CNY172STA	CNY17-2S(TA)	DIP-6	-55 to +110	63 ~ 125	80	5000	.42	.358	.282	.217
638-CNY173	CNY17-3	DIP-6	-55 to +110	100 ~ 200	80	5000	.35	.301	.257	.191
638-CNY173STA	CNY17-3S(TA)	DIP-6	-55 to +110	100 ~ 200	80	5000	.35	.301	.257	.191
638-CNY17F1	CNY17F-1	DIP-6	-55 to +110	40 ~ 80	80	5000	.54	.449	.378	.283
638-CNY17F1STA	CNY17F-1S(TA)	DIP-6	-55 to +110	40 ~ 80	80	5000	.44	.379	.319	.239
638-CNY17F2	CNY17F-2	DIP-6	-55 to +110	63 ~ 125	80	5000	.46	.378	.327	.245
638-CNY17F2STA	CNY17F-2S(TA)	DIP-6	-55 to +110	63 ~ 125	80	5000	.46	.378	.327	.245
638-CNY17F3	CNY17F-3	DIP-6	-55 to +110	100 ~ 200	80	5000	.46	.378	.327	.245
638-CNY17F3STA	CNY17F-3S(TA)	DIP-6	-55 to +110	100 ~ 200	80	5000	.46	.378	.327	.245
<b>Phototransistor Output, AC Input</b>										
638-EL814	EL814	DIP-4	-55 to +110	20 ~ 300	80	5000	.37	.309	.219	.159
638-EL814STA	EL814S(TA)	DIP-4	-55 to +110	20 ~ 300	80	5000	.37	.309	.219	.159
638-EL814A	EL814(A)	DIP-4	-55 to +110	50 ~ 150	80	5000	.39	.319	.229	.169
638-EL814SATA	EL814S(A)(TA)	DIP-4	-55 to +110	50 ~ 150	80	5000	.39	.319	.229	.169