

# Optoisolators, Optocouplers & Standard-Output LEDs

4 LEVELS OF SAVINGS			
NAME BRANDS	HOUSE BRANDS	FACTORY OVERRUN	DOLLAR SALE

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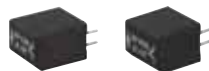
## Optoisolators

\*Web Code: CAG

* Order in multiples of 10									
Part No.	*Mfr.	Product No.	Pkg.	Description	1	10	100		
40985	◆	4N25	DIP-6	NPN phototransistor output	\$.25	\$.22	\$.19		
41005	◆	4N26	DIP-6	NPN phototransistor output	.25	.22	.19		
41013	◆	4N28	DIP-6	NPN phototransistor output	.25	.22	.19		
41021	◆	4N32	DIP-6	NPN photodarlington output	.25	.22	.19		
41030	◆	4N33	DIP-6	NPN photodarlington output	.25	.22	.19		
41056	◆	4N35	DIP-6	NPN phototransistor output	.25	.22	.19		
671832	◆	4N35S	SOIC-6	General purpose phototransistor	*.09	.07			
1872628	OPT	OPB606A	DIP-4	NPN phototransistor	1.75	1.49	1.25		
1628828	INF	IL074	DIP-16	Quad-channel phototransistor	2.25	1.95	1.75		
2099948	OPT	OPI2151	DIP-6	Single NPN phototransistor	*.09	.07			
320653	◆	PS2501-1	DIP-4	Single NPN phototransistor output	.35	.29	.25		
320661	◆	PS2501-2	DIP-8	Dual NPN phototransistor output	1.19	1.09	.95		
160338	◆	PS2501-4	DIP-16	Quad NPN phototransistor output	1.65	1.39	1.19		
320688	◆	PS2502-1	DIP-4	Darlington photocoupler	.65	.55	.49		
320696	◆	PS2502-2	DIP-8	Dual NPN photodarlington output	1.95	1.75	1.49		
160362	◆	PS2502-4	DIP-16	Quad NPN photodarlington output	2.49	2.25	1.95		
320717	◆	PS2505-2	DIP-8	High isolation volt. photocoupler	1.49	1.29	1.09		
320725	◆	PS2505-4	DIP-16	Quad NPN phototransistor output	2.25	1.95	1.25		
320805	◆	PS2532-4	DIP-16	Quad hi collector to emitter voltage	2.95	2.75	2.49		
26278	◆	MOC3010	DIP-6	Bilateral sw. non-zero crossing triac	.49	.39	.35		
95020	◆	MOC3011	DIP-6	Random phase, triac driver output	.45	.39	.35		
277780	◆	MOC3020	DIP-6	Bilateral sw. non-zero crossing triac	.49	.45	.39		
95038	◆	MOC3021	DIP-6	Random phase, triac driver output	.55	.49	.45		
277819	◆	MOC3023	DIP-6	Random phase, triac driver output	.49	.45	.39		
113953	◆	MOC3032	DIP-6	Zero-crossing, triac driver output	.69	.59	.49		
277835	◆	MOC3041	DIP-6	Zero-crossing, triac driver output	.79	.69	.59		
277843	◆	MOC3043	DIP-6	Zero-crossing, triac driver output	.89	.79	.69		
133874	◆	MOC3063	DIP-6	Zero-crossing, triac driver output	.75	.65	.55		
320629	◆	MOC3082	DIP-6	Zero-crossing, triac driver output	.59	.45	.39		
2006414	LTO	LTR-5986D	SIP-3	NPN phototransistor/detector	.25	.22	.15		

\*Web Code: OTS

2126521



2126555



## Optical Tilt Switches

Part No.	Product No.*	Pkg.	Description	1	10	100
2126521	RP-CUB-30-000-NB	4-pin	Optical tilt, 30°, 5mA (Ic)	\$1.95	\$1.75	\$1.49
2126555	RP-RUB-15-000-NB	4-pin	Optical tilt, 15°, 5mA (Ic)	1.95	1.75	1.49
2126547	RP-RUB-30-000-NB	4-pin	Optical tilt, 30°, 5mA (Ic)	1.95	1.75	1.49
2126539	RP-RUB-45-000-NB	4-pin	Optical tilt, 45°, 5mA (Ic)	1.95	1.75	1.49

\*CUB = horizontal mount PCB; RUB = vertical mount PCB

\*Subminiature LEDs Available Online — Enter Web Code SML

## Standard-Output LEDs

* Order in multiples of 10																		
Part No.	Product No.	*Mfr.	Fig.	Emitting Color	Lens/Feature Description	LED Size	Diameter inch/mm	Dimensions		Lead Spacing	Typical Vf	Typical mcd	Wavelength nm	Viewing Angle°	Pricing			
								A"	B"						1	10	100	1000
26745	MCDL-170EC	MCD	1	Red	Water clear	T ¾	0.065/1.7	0.06	0.35	—	2.0	7	635	100	\$3.39	\$3.35	\$2.29	\$2.25
1869437	MPG2262SS	STA	1	Green	Green diffused	T ¾	0.065/1.7	0.06	0.35	—	2.1	16	567	60	*	.19	.15	.12
202471	MVL-301HR**	UNI	2	Red	Red diffused	T1	0.119/3	0.14	1.12	0.10	2.0	9.0	640	40	*	.10	.08	.06
253278	HLMP-1301	FSC	2	Red	Red diffused	T1	0.119/3	0.19	1.00	0.10	1.9	5.4	635	60	*	.11	.09	.07
152785	LT0341R-41	LED	2	Red	Red diffused	T1	0.119/3	0.20	0.89	0.10	2.1	15.5	635	56	*	.12	.10	.08
333851	UT6371-41-M1	JVP	2	Red	Red diffused	T1	0.119/3	0.17	0.98	0.10	1.7	63	660	47	*	.12	.10	.08
94529	LH2040	JVP	2	Red	Red diffused (XC209RB)	T1	0.119/3	0.18	1.04	0.07	2.3	4.5	697	36	*	.12	.10	.08
136282	LA44B/21	JVP	3	Red	Red diffused (right angle) .60" LDS	T1	0.119/3	0.38	0.17	0.10	1.7	12	635	50	.35	.29	.25	.19
1554099	HLMP-1700-B0002	AVT	2	Red	Red tinted/diffused	T1	0.119/3	0.19	0.95	0.10	1.7	0.8	635	50	*	.15	.12	.09
1554110	HLMP-1700-B00A2	AVT	4	Red	Red tinted/difused (right angle)	T1	0.119/3	0.19	0.95	0.10	1.7	0.8	635	50	*	.19	.17	.15
152751	LT0344R-41	LED	2	Red	Red clear	T1	0.119/3	0.20	0.89	0.10	2.1	52.9	635	36	*	.12	.10	.08
2081991	XLUR40W	◆	5	Red	Water clear	T1	0.119/3	0.197	1.063	0.10	1.9	59	627	50	*	.08	.06	.04
333171	HLMP-K155-JV	JVP	5	Red	Red clear	T1	0.119/3	0.19	1.04	0.10	1.6	3.0	660	45	*	.12	.10	.08
333260	LHR2643	JVP	2	Red	Water clear	T1	0.119/3	0.13	0.98	0.10	1.5	300	660	40	*	.12	.10	.08

\*\* 100 pcs. in LEDs & LED Mounting Hardware cabinet kit, pg 27

\* AVT = Avago | CLA = Clare | FSC = Fairchild | INF = Infineon | ISO = Isocom | JVP = ValuePro | LED = Ledtech | LTO = Lite On | MCD = MCD Elec. | OPT = Optek | SIE = Siemens | STA = Stanley | UNI = Unity Opto

RoHS compliant product

+ This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version.

Details on page 183.

## Optocouplers

\*Web Code: NAK

* Order in multiples of 10									
Part No.	*Mfr.	Product No.	Pkg.	Description	1	10	100		
277510	◆	6N135	DIP-8	Hi-speed photodetector transistor	\$.65	\$.55	\$.45		
42471	◆	6N136	DIP-8	Hi-speed phototransistor output	.65	.55	.45		
113911	◆	6N137	DIP-8	Hi CMR, hi-speed logic gate output	.69	.59	.49		
42489	◆	6N138	DIP-8	Hi-speed photodarlington output	.69	.59	.49		
113929	◆	6N139	DIP-8	Hi-speed photodarlington output	.35	.25	.19		
18825	◆	H11AA1	DIP-6	AC input/phototransistor	.59	.49	.45		
320434	◆	H11AA2	DIP-6	AC input phototransistor optocoupler	.59	.49	.35		
320451	◆	H11AA4	DIP-6	AC input phototransistor optocoupler	.69	.59	.49		
938365	FSC	H11AA4SVM	DIP-6	AC input phototransistor (w/ SMD)	.29	.25	.19		
113988	◆	H11L1	DIP-6	µPROC compatible Schmitt trigger	.79	.69	.59		
871341	FSC	H11L1M	DIP-6	Logic output	.85	.75	.65		
1549441	AVT	HCPL-060L-000E	SOIC-8	Hi-speed LVTTTL compatible 3.3V opto	1.25	1.05	.85		
1549644	AVT	HCPL-063N	SOIC-8	Dual ch. high CMR, 10MBd, HCMOS compat.	3.75	3.49	2.95		
1549530	AVT	HCPL-0630-000E	SOIC-8	Dual ch. high CMR, hi-spd TTL compat. opto.	2.49	2.25	1.95		
1549732	AVT	HCPL-0710	SOIC-8	40ns propagation delay, CMOS	2.75	2.49	2.25		
1549741	AVT	HCPL-0710-000E	SOIC-8	40ns propagation delay, CMOS	2.75	2.49	2.25		
1549839	AVT	HCPL-0731	SOIC-8	Dual ch. low input current, high gain	2.25	1.95	1.49		
785821	FSC	HCPL2631S	SOIC-8	Dual ch. high speed 10mbit/s logic gate	1.25	.95	.75		
1584221	AVT	HCPL-7710-000E	DIP-8	40ns propagation delay, CMOS	2.49	2.25	1.95		
1584239	AVT	HCPL-7710-300E	DIP-8	40ns propagation delay, CMOS	2.49	2.25	1.95		
1584247	AVT	HCPL-7800-300	SOIC-8	Isolation amplifier optocoupler	4.75	4.25	3.75		
24918	◆	MCT6	DIP-8	High density NPN phototransistor	.59	.49	.45		
672317	◆	MCT61	DIP-8	Dual channel NPN phototransistor	.35	.25	.19		
672325	◆	MCT62	DIP-8	Dual channel NPN phototransistor	.59	.49	.39		
2006385	LTO	LTV-814H	DIP-4	Phototransistor output, AC input	.25	.22	.19		
1996330	LTO	LTV-824S	SOIC-8	Opto phototransistor	*.12	.09			
878286	LTO	LTV-847	DIP-16	Quad ch. phototransistor output	.79	.69	.59		
1583156	CLA	PD2401	DIP-16	AC solid st. sw. w/ dual pwr SCR output	6.95	5.95	5.49		
1583199	CLA	TS117S	SOIC-8	1-Form-A relay optocoupler	1.49	1.25	.95		
1583228	AVT	5962-8876901PC	DIP-8	2-ch., low If, wide Vcc, logic gate	49.95	44.95	39.95		

## Slotted Optical Switches

2078282



2126301



\*Web Code: XAP

Part No.	*Mfr.	Product No.	Pkg.	Description	1	10	100
114091	◆	H21A1	4-pin w/ tab	Single channel, 20mA (Ic)	\$2.49	\$2.25	\$1.95
320901	◆	H21A3	4-pin w/ tab	Single channel, 20mA (Ic)	2.49	2.25	1.95
2078282	SIE	IRLA075	4-pin w/ tab	Single channel, 50mA (Ic)	.99	.89	.79
2126301	ISO	ISTS150	8-pin w/ tab	Dual channel, 20mA (Ic)	.89	.79	.59

Figure images on next page

\*Web Code: FAF

\* Order in multiples of 10