



Optoisolators

NEW
MARKED IN PINK

★ Web Code: CAG

Part No.	*Mfr.	Product No.	Pkg.	Description	1	10	100
671808	◆	4N25S	SOIC-6	NPN phototransistor output	\$.25	\$.22	\$.19
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	.25	.22	.19
320418	◆	CNY17-4	DIP-6	High BV _{ceo} phototransistor	.25	.19	.17
114083	◆	ISO203	DIP-16	High density NPN phototransistor	2.25	1.95	1.75
320653	◆	PS2501-1	DIP-4	Single NPN phototransistor output	.29	.25	.22
320661	◆	PS2501-2	DIP-8	Dual NPN phototransistor output	.89	.79	.69
160338	◆	PS2501-4	DIP-16	Quad NPN phototransistor output	1.49	1.35	1.19
320688	◆	PS2502-1	DIP-4	Darlington photocoupler	.55	.45	.39
320696	◆	PS2502-2	DIP-8	Dual NPN photodarlington output	1.45	1.29	1.15
160362	◆	PS2502-4	DIP-16	Bilateral sw. photodarlington output	2.25	1.95	1.75
320709	◆	PS2505-1	DIP-4	NPN phototransistor output	.39	.35	.29
320725	◆	PS2505-4	DIP-16	Quad NPN phototransistor output	2.25	1.95	1.75
320805	◆	PS2532-4	DIP-16	Quad hi collector to emitter voltage	2.49	2.25	1.95
672253	◆	MOC206	SOIC-8	Optocoupler phototransistor	.29	.25	.22
26278	◆	MOC3010	DIP-6	Bilateral sw. non-zero crossing triac	.39	.35	.29
698912	FSC	MOC3010M	DIP-6	Random phase, triac driver output	.45	.39	.35
95020	◆	MOC3011	DIP-6	Random phase, triac driver output	.45	.39	.35
671859	◆	MOC3012S	SOIC-6	Random phase, triac driver	.59	.53	.49
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
671883	◆	MOC3022S	SOIC-6	Random phase, triac driver output	.49	.44	.39
1261018	LTO	MOC3023S	SOIC-6	Random phase, triac driver	.29	.25	.22
277819	◆	MOC3023	DIP-6	Random phase, triac driver output	.49	.45	.39
113953	◆	MOC3032	DIP-6	Zero crossing triac driver	.71	.59	.49
277835	◆	MOC3041	DIP-6	Zero-cross, triac driver output	.79	.69	.59
277843	◆	MOC3043	DIP-6	Zero-cross, triac driver output	.79	.69	.59
133874	◆	MOC3063	DIP-6	Zero-cross, triac driver output	.75	.65	.55
2006414	LTO	LTR-5986D	SIP-3	NPN phototransistor/detector	.25	.19	.15
2006406	LTO	LTV-8141S	SMD4	1-Ch. AC input darlington output	.29	.25	.22
273607	NTE	NTE3221	DIP-16	4-channel, NPN transistor output	3.25	2.95	2.75

Optocouplers

NEW
MARKED IN PINK

★ Web Code: NAK

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	.75	.65	.55
18825	◆	H11AA1	DIP-6	AC input/phototransistor	.59	.49	.45
320451	◆	H11AA4	DIP-6	AC input phototransistor optocoupler	.69	.59	.49
113988	◆	H11L1	DIP-6	µPROC compatible Schmitt trigger	.55	.45	.39
871341	FSC	H11L1M	DIP-6	Logic output	.65	.55	.49
1549441	AVT	HCPL-060L-000E	SOIC-8	Hi-spd LVTTTL compatible 3.3V opto.	1.79	1.45	1.23
1549644	AVT	HCPL-063N	SOIC-8		5.95	5.49	4.49
1550995	AVT	HCPL-M601	SO-5	High CMR, Hi-spd logic gate opto.	1.75	1.49	1.25
1549530	AVT	HCPL-0630-000E	SOIC-8	Dual ch. high CMR, hi-spd TTL compat. opto.	3.75	3.05	2.75
1549741	AVT	HCPL-0710-000E	SOIC-8	40ns propagation delay, CMOS opto.	3.85	3.45	3.15
1584263	AVT	HCPL-7800A-300E	SOIC-8	Isolation amplifier optocoupler	9.95	8.95	7.95
320477	◆	MCT2	DIP-6	Phototransistor optocoupler	.35	.29	.25
24918	◆	MCT6	DIP-8	High density NPN phototransistor	.59	.49	.45
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	.39	.35	.25
790735	LTO	LTV-824	DIP-8	Opto phototransistor	.55	.45	.39
2006393	LTO	LTV-826	DIP-8	Phototransistor output	.35	.29	.25
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	5.75	5.25	4.49

Slotted Optical Switches



★ Web Code: XAP

Part No.	*Mfr.	Product No.	Pkg.	Description	1	10	100
114091	◆	H21A1	4-pin w/ tab	Single channel, 20mA (Ic)	\$.69	\$.59	\$.49
278011	◆	H21A2	4-pin w/ tab	Phototransistor optical interrupter	.89	.75	.65
320901	◆	H21A3	4-pin w/ tab	Single channel, 20mA (Ic)	.99	.79	.69
2078282	SIE	IRLA075	4-pin w/ tab	Single channel, 50mA (Ic)	.79	.59	.49

★ Fiber Optics Available Online — Enter Web Code NBR

1.90mm (.075") Subminiature LEDs

Flat-Top or Dome Style

★ Web Code: SML



Fig. 1



Fig. 2

Blue Part No. = Limited Quantity Available

Part No.	Mfr. Part No.	*Mfr.	Fig.	Emitting Color	Lens/Feature Description	Typical Vf @ If	Iv Typical mcd @ mA	Wavelength (nm)	Viewing Angle°	Pricing			
										1	10	100	500
1555690	HLMP-P205-F0011	AVT	1	Hi-eff. Red	Non-diffused, untinted	1.8 @ 10	8 @ 10	635	125	\$.49	\$.45	\$.35	\$.29
1555817	HLMT-PH00-P0011	AVT	1	Red Orange	Non-diffused, untinted	2 @ 20	120 @ 20	621	125	.49	.45	.35	.29
1555711	HLMP-P505-G0011	AVT	1	Hi-perf. Green	Non-diffused, untinted	2.1 @ 10	6.3 @ 10	565	125	.45	.39	.29	.25
1554902	HLMP-6000	AVT	2	Red	Diffused, tinted	1.6 @ 10	1.2 @ 10	655	90	.45	.35	.25	.19
1584976	HLMP-Q156-H0021	AVT	2	Red	Non-diffused, untinted	1.6 @ 0.5	7 @ 0.5	654	15	.49	.45	.35	.29
1584968	HLMP-Q106-R0011	AVT	2	Red	Non-diffused, untinted	1.9 @ 20	400 @ 10	654	15	.49	.45	.35	.29
1554945	HLMP-6300	AVT	2	Hi-eff. Red	Diffused, tinted	1.8 @ 10	10 @ 10	655	90	.49	.29	.19	.16
1555219	HLMP-7000	AVT	2	Hi-eff. Red	Diffused, tinted	1.8 @ 10	1 @ 2	635	90	.45	.39	.29	.25
1555147	HLMP-6620	AVT	2	Hi-eff. Red	Diffused, with resistor	5 @ 4	2 @ 5	635	90	.59	.49	.39	.35
1584802	HLMP-7019	AVT	2	Yellow	Diffused, tinted	2 @ 10	0.6 @ 2	583	90	.45	.35	.25	.19
1554996	HLMP-6400	AVT	2	Yellow	Diffused, tinted	2 @ 10	9 @ 10	583	90	.45	.35	.25	.19
1555041	HLMP-6500	AVT	2	Hi-perf. Green	Diffused, tinted	2.1 @ 10	7 @ 10	565	90	.45	.35	.25	.19
1555059	HLMP-6500-F0010	AVT	2	Hi-perf. Green	Diffused, tinted (right angle housing)	2.1 @ 10	7 @ 10	565	90	.49	.39	.29	.25
1555104	HLMP-6505-L0021	AVT	2	Hi-perf. Green	Non-diffused, untinted	2.1 @ 10	40 @ 10	565	28	.45	.35	.25	.19
1584790	HLMP-6820	AVT	2	Hi-perf. Green	Diffused, with resistor	5 @ 4	2 @ 5	565	90	.47	.43	.39	.37

* AVT = Avago Technology | CLA = Clare | FSC = Fairchild Semi | LTO = Lite On | NTE = NTE Electronics | SIE = Siemens | ◆ Manufacturer Varies

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