

OPTEK Optoelectronics



OPTEK Technology

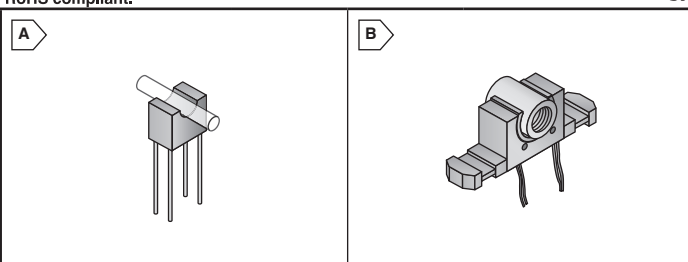
RoHS Compliant This product is RoHS compliant.

Optek Opto Components

FLUID SENSORS

For quantities greater than listed, call for quote.

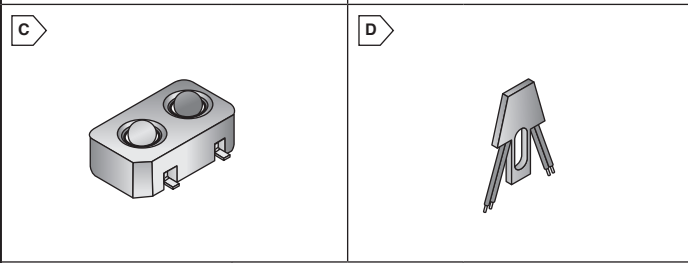
MOUSER STOCK NO.		Fig.	Tube Size (in)	Lead Type	Wave-length	Sensor	Price Each		
Mfr.	Mfr. Part No.						1	10	100
828	—OPB350	A	0.125	PCB Pins	890nm	Transistor	4.53	4.20	4.02
828	—OPB350L250	A	0.25	PCB Pins	890nm	Transistor	7.12	a6.61	5.19
828	—OPB350W062Z	B	0.062	Wire Leads	890nm	Transistor	10.22	8.95	7.44
828	—OPB350W250Z	B	0.25	Wire Leads	890nm	Transistor	8.98	8.14	6.54



REFLECTIVE OBJECT SENSORS

For quantities greater than listed, call for quote.

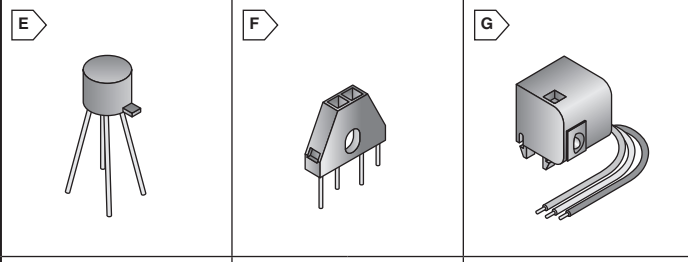
MOUSER STOCK NO.		Fig.	Cont. Forward Current (mA)	Sensor	Forward Voltage (VF)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
828	—OPB733TR	C	50	Transistor	1.7	3.25	2.78	2.09
828	—OPB700Z	D	100	Transistor	1.7	9.09	6.62	6.14
828	—OPB701ALZ	D	100	Transistor	1.7	9.30	9.15	8.95
828	—OPB710	E	50	Transistor	1.5	9.03	6.19	5.66
828	—OPB742	F	40	Transistor	1.7	3.14	2.73	2.39
828	—OPB745	F	40	Transistor	1.7	3.94	2.98	2.76
828	—OPB716Z	G	50	Transistor	4.75	7.96	7.76	6.75
828	—OPB770TZ	H	10	Logic	4.75	8.57	6.65	6.44
828	—OPB707A	--	50	Darlington	1.7	2.41	2.21	2.16



HOLLOGIC® HALL EFFECT SENSORS

For quantities greater than listed, call for quote.

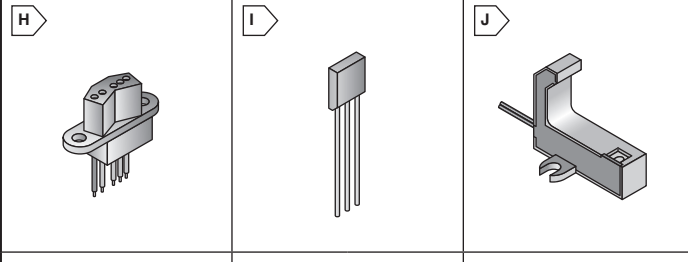
MOUSER STOCK NO.		Fig.	Operating Point (Min./Typ./Max.)	Release Point	Supply Curr. (Typ./Max.)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
828	—OH90U	I	0/90/180	-100/65/100	6/9(mA)	2.79	1.95	1.60
828	—OHS3140U	I	45/-/270	25/-/250	4/7(mA)	3.11	1.95	1.88



OPTICAL SWITCHES

For quantities greater than listed, call for quote.

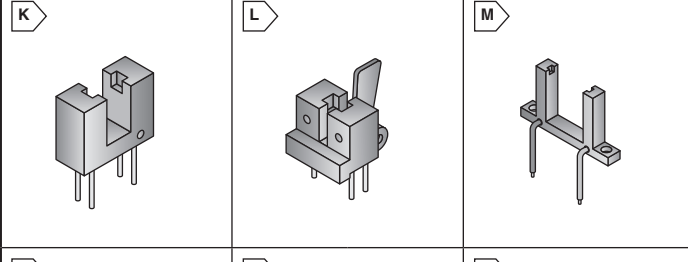
MOUSER STOCK NO.		Fig.	Output Type	Slot Width (in.)	Lead Spacing (in.)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
828	—OPB420AZ	J	Transistor	45° Ref.	---	6.35	5.22	4.79
828	—OPB420BZ	J	Transistor	45° Ref.	---	6.31	5.18	4.75
828	—OPB620	K	Transistor	0.19	0.325	1.99	1.69	1.50
828	—OPB804	K	Transistor	0.15	0.31	2.02	1.71	1.52
828	—OPB818	K	Transistor	0.20	0.41	2.92	2.32	2.16
828	—OPB848	K	Transistor	0.10	0.31	2.60	2.22	1.99
828	—OPB610	K	Transistor	0.15	0.28	1.99	1.69	1.50
828	—OPB680	L	Transistor	Flag	0.28	3.37	3.30	3.24
828	—OPB819Z	M	Transistor	1.26	---	6.63	5.18	4.80
828	—OPB930W55Z	N	Photologic®	0.125	---	6.37	5.51	5.14
828	—OPB829DZ	--	Transistor	0.125	24"/26 AWG Wire	3.05	2.93	2.82
828	—OPB800L55	--	Transistor	0.375	24"/26 AWG Wire	2.25	2.18	2.00
828	—OPB825	--	Transistor	0.160	0.300	1.40	1.35	1.30



FIBER OPTIC LED

For quantities greater than listed, call for quote.

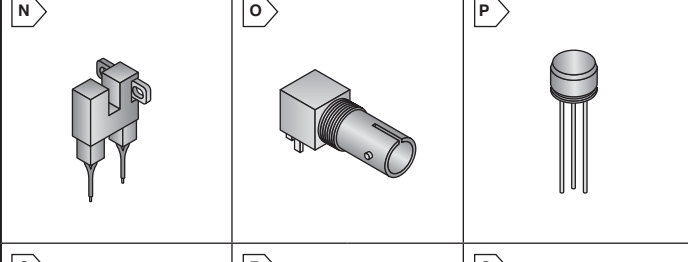
MOUSER STOCK NO.		Fig.	Output Power Min/Typ	Fiber	Lead Spacing (in.)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
828	—OPF1414T	O	13.2µW/26.0µW	50/125	100	15.83	14.26	13.05
828	—OPF370A	P	25.0µW/29.0µW	50/125	100	10.99	9.00	8.25
828	—OPF372A	Q	25.0µW/29.0µW	50/125	100	19.93	17.61	15.84



FIBER OPTIC PIN PHOTODIODES AND RECEIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Responsively Min./Typ.	Output Rise Time (ns)	Output Current (mA)	Price Each		
Mfr.	Mfr. Part No.					1	10	100
828	—OPF2416T	O	5.3/7.0 (mV/µW)	3.3	25	14.68	13.21	12.12
828	—OPF470	P	.45/.55 (A/W)	6.0	---	10.12	8.19	7.59
828	—OPF480	P	.45/.55 (A/W)	1.0	---	7.85	6.70	6.05
828	—OPF482	Q	.45/.55 (A/W)	1.0	---	15.49	13.94	12.78



OPTOISOLATORS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	LED Peak Wavelength	Sensor	Isolation Voltage	Price Each		
Mfr.	Mfr. Part No.					1	10	100
828	—OP11264A	R	890nm	Transistor	10KV	3.33	2.75	2.45
828	—OP1120	R	890nm	Transistor	15KV	7.59	7.28	7.00
828	—OP11268S	S	850nm	Open Collector	20KV	7.51	6.57	6.20

