

VISHAY Optocouplers

RoHS Compliant This product is RoHS compliant.



Opto Components

Vishay Semiconductors

PHOTO DARLINGTON OUTPUT

Safety Standards:

- UL = UL Recognized (UL File No: E76222)
- UL/VDE = UL Recognized (E76222) and VDE Recognized

Surface Mount Device

- UL/BSI/VDE = UL Recognized (E76222), BSI and VDE Recognized

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (Max.) (mA)	VCEO (Max.) (V)	VECO (Max.) (V)	Turn-On/ Turn-Off Times (μs)	Isolation Voltage (VRMS)	Current Transfer Ratio (Min./Typ./Max.) (%)	Price Each			
Mfr.	Mfr. Part No.										1	100	500	1000
Single Channel														
78	4N32	A	DIP-6	UL/BSI	60	30	5	5.0/100 Max.	5.3kV	500/----/----	.31	.25	.22	.19
78	4N33	A	DIP-6	UL/BSI	60	30	5	5.0/100 Max.	5.3kV	500/----/----	.20	.172	.144	.129
782	H11B1	A	DIP-6	UL	60	25	7	5.0/30	5.3kV	500/----/----	1.10	.79	.60	.475
782	H11B2	A	DIP-6	UL	60	25	7	5.0/30	5.3kV	200/----/----	.77	.61	.51	.45
782	H11B3	A	DIP-6	UL	60	25	7	5.0/30	5.3kV	100/----/----	.72	.57	.50	.44
782	IL223AT	B	SOIC-8	UL	60	30	5	----/----	4.0kV	500/----/----	.93	.74	.57	.45
782	MCA231	A	DIP-6	UL	60	30	7	10/30	5.3kV	200/----/----	.65	.51	.45	.40
Dual Channel														
782	ILD23T	C	SOIC-8	UL	30	30	5	15/30 Min.	4.0kV	500/----/----	1.66	1.32	1.02	.80
Quad Channel														
782	ILQ66-4	D	DIP-16	UL	60	60	-----	200/200	5.3kV	500/----/----	3.70	2.70	2.18	1.83
782	TCMD4000	E	SOP-16	UL	60	35	7	300/250	3.75kV	600/800/----	1.58	1.32	1.11	.96

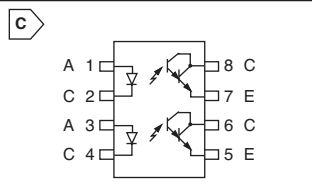
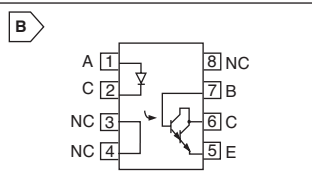
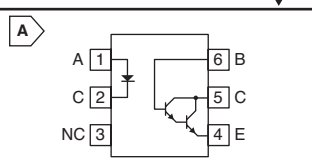


PHOTO DARLINGTON OUTPUT, HIGH SPEED, LOW INPUT CURRENT

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (mA)	Max. Supply Volt. (V)	Data Rate Typ (bit/s)	Delay Time IPHL/tPLH (Typ.) (μs)	Isolation Voltage (VRMS)	Current Transfer Ratio (Min./Typ./Max.) (%)	Price Each			
Mfr.	Mfr. Part No.										1	100	500	1000
Single Channel														
782	6N138	F	DIP-8	UL	25	7	100K	2.0/2.0	5.3kV	300/1600/----	1.43	1.02	.777	.613
782	6N139	F	DIP-8	UL	25	18	100K	6.0/4.0	5.3kV	400/1600/----	1.34	1.12	.745	.651

PHOTO TRANSISTOR OUTPUT

Surface Mount Device

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Pkg.	Safety Standard	IF (Max.) (mA)	VCEO (Max.) (V)	VECO (Max.) (V)	Rise and Fall Times Typ. (μs)	Isolation Voltage (VRMS)	Current Transfer Ratio (Min./Typ./Max.) (%)	Price Each			
Mfr.	Mfr. Part No.										1	100	500	1000
Single Channel														
78	VOM617A-1T	G	SOP-4	UL, DIN, FIMKO, CQC	1.6	80	7	3.0/3.0	3.75kV	40/---/120	.30	.24	.20	.18
78	VOM617A-2T	G	SOP-4	UL, DIN, FIMKO, CQC	1.6	80	7	3.0/3.0	3.75kV	63/---/125	.30	.24	.20	.18
78	VOM617A-3T	G	SOP-4	UL, DIN, FIMKO, CQC	1.6	80	7	3.0/3.0	3.75kV	100/---/200	.30	.24	.20	.18
78	VOM617A-4T	G	SOP-4	UL, DIN, FIMKO, CQC	1.6	80	7	3.0/3.0	3.75kV	160/---/320	.30	.24	.20	.18
78	VOM617A-7T	G	SOP-4	UL, DIN, FIMKO, CQC	1.6	80	7	3.0/3.0	3.75kV	80/---/160	.30	.24	.20	.18
78	VOM618A-1T	G	SOP-4	UL, DIN, FIMKO, CQC	5	80	7	6.0/6.0	3.75kV	40/---/80	.43	.34	.28	.26
78	VOM618A-2T	G	SOP-4	UL, DIN, FIMKO, CQC	5	80	7	6.0/6.0	3.75kV	63/---/125	.43	.34	.28	.26
78	VOM618A-3T	G	SOP-4	UL, DIN, FIMKO, CQC	5	80	7	6.0/6.0	3.75kV	100/---/200	.43	.34	.28	.26
78	VOM618A-4T	G	SOP-4	UL, DIN, FIMKO, CQC	5	80	7	6.0/6.0	3.75kV	160/---/320	.43	.34	.28	.26
78	VOM618A-7T	G	SOP-4	UL, DIN, FIMKO, CQC	5	80	7	6.0/6.0	3.75kV	80/---/160	.43	.34	.28	.26
78	VOM618AT	G	SOP-4	UL, DIN, FIMKO, CQC	5	80	7	6.0/6.0	3.75kV	50/---/100	.43	.34	.28	.26
78	4N36	H	DIP-6	UL	50	70	7	10/10	5.0kV	100/----/----	.27	.24	.19	.18
78	4N37	H	DIP-6	UL	50	70	7	10/10	5.0kV	100/----/----	.27	.24	.19	.18
782	CNY17G-3	H	DIP-6	UL/BSI	60	32	7	7.0/6.7	3.75kV	100/----/200	.26	.23	.18	.18
782	4N25	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.0kV	20/50/----	.27	.24	.19	.18
782	4N26	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.0kV	20/50/----	.27	.24	.19	.18
782	4N27	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.0kV	10/30/----	.27	.24	.19	.18
782	4N28	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.0kV	10/30/----	.27	.24	.19	.185
782	4N38	H	DIP-6	UL	60	70	7	10/10	5.3kV	20/---/----	.57	.39	.26	.20
782	CNY17-1	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	40/80/----	.62	.43	.29	.22
782	CNY17F-1	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	13/30/----	.62	.43	.29	.22
782	CNY17-2	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	63/125/----	.62	.43	.29	.22
782	CNY17F-2	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	22/45/----	.62	.43	.29	.22
782	CNY17F-2X006	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	22/45/----	.39	.28	.23	.22
782	CNY17-3X006	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	100/200/----	.39	.28	.23	.22
782	CNY17-3X007	H	SMD-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	100/200/----	.39	.28	.23	.22
782	CNY17-3X007T	H	SMD-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	100/200/----	.44	.35	.29	.27
782	CNY17F-3	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	34/70/----	.62	.43	.29	.22
782	CNY17F-3X001	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	34/70/----	.39	.31	.25	.22
782	CNY17F-3X006	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	34/70/----	.39	.28	.23	.22
782	CNY17F-3X016	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	34/70/----	.44	.32	.25	.245
782	CNY17-4	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	160/320/----	.54	.398	.279	.212
782	CNY17-4	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	160/320/----	.31	.24	.21	.19
782	CNY17F-4	H	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	160/320/----	.54	.398	.279	.212
782	H11A1	H	DIP-6	UL/BSI/CSA	60	70	7	3.0/3.0	5.3kV	50/---/----	.70	.48	.35	.28
782	H11A2	H	DIP-6	UL/BSI/CSA	60	70	7	3.0/3.0	5.3kV	20/---/----	.44	.37	.30	.26
782	H11A3	H	DIP-6	UL/BSI/CSA	60	70	7	3.0/3.0	5.3kV	20/---/----	.44	.37	.30	.26
782	H11A4	H	DIP-6	UL/BSI/CSA	60	70	7	3.0/3.0	5.3kV	10/---/----	.46	.37	.30	.27
782	H11A5	H	DIP-6	UL/BSI/CSA	60	70	7	3.0/3.0	5.3kV	30/---/----	.46	.37	.30	.27
782	IL2	H	DIP-6	UL	60	70	7	2.6/2.2	5.3kV	100/200/500	.63	.53	.44	.39
78	VO617A	G	DIP-4	UL/DIN/BSI/FIMKO	60	80	7	2	5000	50/---/600	.30	.22	.20	.181
78	VO617A-3	G	DIP-4	UL/DIN/BSI/FIMKO	60	80	7	2	5000	100/---/200	.30	.22	.20	.181
78	VO617A-3X017T	G	SMD-4	UL/DIN/BSI/FIMKO	60	80	7	2	5000	100/---/200	.45	.33	.30	.27
78	VO618A	G	DIP-4	UL/DIN/BSI/FIMKO	60	80	7	2	5000	50/---/600	.43	.31	.28	.26
78	VO618A-3	G	DIP-4	UL/DIN/BSI/FIMKO	60	80	7	2	5000	100/---/200	.43	.31	.28	.26
78	VO618A-3X017T	G	SMD-4	UL/DIN/BSI/FIMKO	60	80	7	2	5000	100/---/200	.55	.40	.36	.33
78	VOL618A-2T	G	SOP-4	UL/DIN/BSI/FIMKO	60	80	7	3.5/5	5000	63/---/125	.48	.38	.31	.29
78	VOL618A-3T	G	SOP-4	UL/DIN/BSI/FIMKO	60	80	7	3.5/5	5000	100/---/200	.48	.38	.31	.29
78	VOL617A-1X001T	G	SOP-4	UL/DIN/BSI/FIMKO	60	80	7	3.5/5	5000	40/---/80	.35	.28	.23	.21
78	VOL617A-2X001T	G	SOP-4	UL/DIN/BSI/FIMKO	60	80	7	3.5/5	5000	63/---/125	.35	.28	.23	.21
78	VOL617A-3X001T	G	SOP-4	UL/DIN/BSI/FIMKO	60	80	7	3.5/5	5000	100/---/200	.35	.28	.23	.21
78	VOL617A-4X001T	G	SOP-4	UL/DIN/BSI/FIMKO	60	80	7	3.5/5	5000	160/---/320	.35	.28	.23	.21
782	SFH640-2	H	DIP-6	UL/BSI/CSA	60	300	7	2.5/5.5	5.3kV	63/---/125	1.25	.94	.75	.73
78	CNY64	G	4-Pin	UL/VDE	75	32	7	2.4/2.7	8.2kV	50/---/300	1.62	1.28	1.11	.914
782	CNY64ABST	G	SMD-4	DIN/IEC/VDE	75	32	7	2.4/2.7	8.2kV	80/---/240	1.89	1.58	1.30	1.07
782	CNY64AGRST	G	SMD-4	DIN/IEC/VDE	75	32	7	2.4/2.7	8.2kV	100/---/300	1.89	1.58	1.30	1.07
782	CNY64AYST	G	SMD-4	DIN/IEC/VDE	75	32	7	2.4/2.7	8.2kV	50/---/150	1.89	1.58	1.30	1.07
782	CNY64YST	G	SMD-4	DIN/IEC/VDE	75	32	7	2.4/2.7	8.2kV	50/---/300	1.79	1.50	1.23	1.09
78	CNY65	G	4-Pin	UL/VDE	75	32	7	2.4/2.7	13.9kV	50/---/300	1.62	1.28	1.11	.914