

# VISHAY Optocouplers

RoHS Compliant This product is RoHS compliant.

Surface Mount Device



## PHOTO DARLINGTON OUTPUT

### Safety Standards:

- UL = UL Recognized (UL File No: E76222)
- UL/VDE = UL Recognized (E76222) & VDE Recognized
- UL/BSI/VDE = UL Recognized (E76222), BSI & VDE Recognized

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (Max.) (mA)	VCEO (Max.) (V)	VECO (Max.) (V)	Turn-On/ Turn-Off Times Typ. (μs)	Isolation Voltage (VRMS)	Current Transfer Ratio (Min./Typ./Max.) (%)	Price Each			
Mfr.	Mfr. Part No.										1	100	500	1000
<b>Single Channel</b>														
78—4N32	A	DIP-6	UL/BSI	60	30	5	5.0/100 Max.	5.3kV	500/-----	.30	.25	.21	.187	
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/-----	1.03	.79	.586	.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/-----	.54	.52	.50	.44	
782—IL223AT	B	SOIC-8	UL	60	30	5	-----	4.0kV	500/-----	.93	.80	.662	.524	
782—MCA231	A	DIP-6	UL	60	30	7	10/30	5.3kV	200/-----	.65	.41	.394	.383	
<b>Dual Channel</b>														
782—ILD223T	C	SOIC-8	UL	30	30	5	15/30 Min.	4.0kV	500/-----	1.66	1.42	1.17	.931	
<b>Quad Channel</b>														
782—ILQ66-4	D	DIP-16	UL	60	60	-----	200/200	5.3kV	500/-----	3.11	2.32	1.85	1.76	
782—TCMD4000	E	SOP-16	UL	60	35	7	300/250	3.75kV	600/800/-----	1.58	1.32	.886	.86	

## PHOTO DARLINGTON OUTPUT, HIGH SPEED, LOW INPUT CURRENT

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (mA)	Max. Supply Volt. (V)	Data Rate Typ (bit/s)	Delay Time tPHL/tPLH (Typ.) (μs)	Isolation Voltage (VRMS)	Current Transfer Ratio (Min./Typ./Max.) (%)	Price Each			
Mfr.	Mfr. Part No.										1	100	500	1000
<b>Single Channel</b>														
782—6N138	F	DIP-8	UL	25	7	100K	2.0/2.0	5.3kV	300/1600/-----	1.32	1.02	.756	.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

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (Max.) (mA)	VCEO (Max.) (V)	VEBO (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
<b>Single Channel</b>														
78—4N25	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.0kV	20/50/-----	.21	.17	.142	.13	
78—4N26	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.0kV	40/80/-----	.28	.24	.20	.183	
78—4N27	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.0kV	10/30/-----	.28	.24	.20	.183	
78—4N28	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.0kV	10/30/-----	.21	.17	.142	.13	
78—4N35	G	DIP-6	UL	50	70	7	10/10	5.0kV	100/-----	.21	.17	.148	.136	
78—4N36	G	DIP-6	UL	50	70	7	10/10	5.0kV	100/-----	.28	.24	.20	.183	
78—4N37	G	DIP-6	UL	50	70	7	10/10	5.0kV	100/-----	.28	.24	.20	.183	
782—4N38	G	DIP-6	UL	60	70	7	10/10	5.3kV	20/-----	.50	.39	.258	.196	
782—CNY17-1	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	40/80/-----	.54	.43	.279	.212	
782—CNY17F-1	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	13/30/-----	.54	.43	.279	.212	
782—CNY17-2	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	63/125/-----	.54	.43	.279	.212	
782—CNY17F-2	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	22/45/-----	.54	.43	.279	.212	
782—CNY17F-2X006	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	22/45/-----	.30	.23	.22	.213	
782—CNY17-3	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	100/200/-----	.54	.43	.279	.212	
782—CNY17-3X006	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	100/200/-----	.30	.23	.22	.213	
782—CNY17-3X007	G	SMD-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	100/200/-----	.30	.23	.22	.213	
782—CNY17-3X007T	G	SMD-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	100/200/-----	.44	.35	.29	.25	
782—CNY17-3.	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	100/200/-----	.32	.26	.21	.19	
782—CNY17F-3	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	34/70/-----	.54	.43	.279	.212	
782—CNY17F-3X001	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	34/70/-----	.39	.31	.25	.22	
782—CNY17F-3X006	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	34/70/-----	.30	.23	.22	.213	
782—CNY17F-3X016	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	34/70/-----	.44	.26	.248	.241	
782—CNY17G-3	G	DIP-6	UL/BSI	60	32	7	7.0/6.7	3.75kV	100/-----/200	.25	.20	.184	.179	
782—CNY17-4	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	160/320/-----	.54	.43	.279	.212	
782—CNY17-4.	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	160/320/-----	.32	.26	.21	.19	
782—CNY17F-4	G	DIP-6	UL/BSI	60	70	7	2.0/2.0	5.3kV	160/320/-----	.54	.43	.279	.212	
782—H11A1	G	DIP-6	UL/BSI/CSA	60	70	7	3.0/3.0	5.3kV	50/-----	.44	.37	.298	.264	
782—H11A2	G	DIP-6	UL/BSI/CSA	60	70	7	3.0/3.0	5.3kV	20/-----	.64	.49	.34	.285	
782—H11A3	G	DIP-6	UL/BSI/CSA	60	70	7	3.0/3.0	5.3kV	20/-----	.64	.49	.34	.285	
782—H11A4	G	DIP-6	UL/BSI/CSA	60	70	7	3.0/3.0	5.3kV	10/-----	.46	.37	.30	.27	
782—H11A5	G	DIP-6	UL/BSI/CSA	60	70	7	3.0/3.0	5.3kV	30/-----	.46	.37	.30	.27	
782—IL2	G	DIP-6	UL	60	70	7	2.6/2.2	5.3kV	100/200/500	.86	.66	.492	.399	

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Mfr.	Mfr. Part No.										1	100	500	1000
<b>Single Channel</b>														
782—SFH608-4	G	DIP-6	UL/BSI/CSA	50	55	7	5.0/7.0	5.3kV	160/-----/320	.78	.49	.467	.454	
782—SFH640-2	G	DIP-6	UL/BSI/CSA	60	300	7	2.5/5.5	5.3kV	63/-----/125	1.25	.78	.744	.709	

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MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (Max.) (mA)	VCEO (Max.) (V)	VEBO (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
<b>Single Channel</b>														
78—CNY64	H	4-Pin	UL/VDE	75	32	7	2.4/2.7	8.2kV	50/-----/300	1.62	1.35	1.11	.885	
78—CNY65	H	4-Pin	UL/VDE	75	32	7	2.4/2.7	13.9kV	50/-----/300	1.62	1.35	1.11	.914	
78—CNY66	H	4-Pin	UL/VDE	75	32	7	2.4/2.7	13.9kV	50/-----/300	2.25	1.81	1.61	1.56	
782—CNY65A	H	4-Pin	UL/VDE	75	32	7	2.4/2.7	13.9kV	63/-----/125	1.70	1.42	1.17	.963	
782—CNY65B	H	4-Pin	UL/VDE	75	32	7	2.4/2.7	13.9kV	100/-----/200	1.76	1.47	1.21	.995	
782—CNY65EXI	H	4-Pin	-----	75	32	7	2.4/2.4	11.6kV	50/100/300	5.37	4.49	3.70	2.93	

