

VISHAY Optocouplers

Products may be RoHS compliant.
Check mouser.com for RoHS status.

Surface Mount Devices



For quantities of 2000 and up, call for quote.

PHOTO TRANSISTOR OUTPUT (CONT.)

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

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (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																
◆	782-TCLT1100	A	SOP-6L5	UL/BSI/CSA/VDE	60	70	7	3.0/4.7	5.0kV	50/----/600	.37	.31	.26	.23		
◆	782-TCLT1105	A	SOP-6L5	UL/BSI/CSA/VDE	60	70	7	3.0/4.7	5.0kV	50/----/150	.37	.31	.26	.23		
◆	782-TCLT1106	A	SOP-6L5	UL/BSI/CSA/VDE	60	70	7	3.0/4.7	5.0kV	100/----/300	.40	.32	.26	.23		
◆	782-TCLT1109	A	SOP-6L5	UL/BSI/CSA/VDE	60	70	7	3.0/4.7	5.0kV	200/----/400	.37	.31	.26	.23		
◆	782-TCLT1600	B	SOP-4L	UL/BSI/CSA/VDE	60	70	7	3.0/4.7	5.0kV	80/----/300	.42	.33	.27	.24		
◆	782-TCMT1100	C	SOP-4L	UL/CSA	60	70	7	3.0/4.7	3.75kV	50/----/600	.36	.30	.25	.22		
◆	782-TCMT1102	C	SOP-4L	UL/CSA	60	70	7	3.0/4.7	3.75kV	63/----/125	.36	.30	.25	.22		
◆	782-TCMT1103	C	SOP-4L	UL/CSA	60	70	7	3.0/4.7	3.75kV	100/----/200	.36	.30	.25	.22		
◆	782-TCMT1104	C	SOP-4L	UL/CSA	60	70	7	3.0/4.7	3.75kV	160/----/320	.36	.30	.25	.22		
◆	782-TCMT1106	C	SOP-4L	UL/CSA	60	70	7	3.0/4.7	3.75kV	100/----/300	.36	.30	.25	.22		
◆	782-TCMT1107	C	SOP-4L	UL/CSA	60	70	7	3.0/4.7	3.75kV	80/----/160	.36	.30	.25	.22		
◆	782-TCMT1108	C	SOP-4L	UL/CSA	60	70	7	3.0/4.7	3.75kV	130/----/360	.36	.30	.25	.22		
◆	782-TCMT1109	C	SOP-4L	UL/CSA	60	70	7	3.0/4.7	3.75kV	200/----/400	.36	.30	.25	.22		
◆	78-TCMT1600	B	SOP-4	UL/CSA	60	70	7	3.0/4.7	3.75kV	80/----/300	.58	.46	.415	.332		
Dual Channel																
◆	782-CNY74-2H	D	DIP-8	UL	60	70	7	3.0/4.7	5.3kV	50/----/600	.61	.51	.42	.37		
◆	782-ILD205T	D	SOIC-8	UL/CSA	30	70	7	5.0/4.0	4.0kV	40/----/80	1.14	.97	.808	.64		
◆	782-ILD206T	D	SOIC-8	UL/CSA	30	70	7	5.0/4.0	4.0kV	63/----/125	1.14	.97	.808	.64		
◆	782-ILD207T	D	SOIC-8	UL/CSA	30	70	7	5.0/4.0	4.0kV	100/----/200	1.14	.97	.808	.64		
◆	782-ILD211T	D	SOIC-8	UL/CSA	30	70	7	5.0/4.0	4.0kV	20/----/---	1.14	.97	.808	.64		
◆	782-ILD213T	D	SOIC-8	UL/CSA	30	70	7	5.0/4.0	4.0kV	100/----/---	1.14	.97	.808	.64		
◆	782-ILD217T	D	SOIC-8	UL/CSA	30	70	7	5.0/4.0	4.0kV	100/120/----	1.21	1.03	.859	.68		
◆	782-ILD256T	E	SOIC-8	UL	30	70	7	----/----	4.0kV	20/----/----	1.59	1.36	1.12	.893		
◆	782-ILD615-2	D	DIP-8	UL/BSI/CSA	60	70	7	2.0/2.0	5.3kV	----/40/----	1.38	1.15	.763	.667		
◆	782-ILD615-3	D	DIP-8	UL/BSI/CSA	60	70	7	2.0/2.0	5.3kV	----/60/----	1.37	1.14	.762	.665		
◆	782-ILD615-4	D	DIP-8	UL/BSI/CSA	60	70	7	2.0/2.0	5.3kV	----/100/----	1.41	1.17	.78	.681		
◆	782-ILD620	E	DIP-8	UL/BSI/CSA	60	70	---	20/2.0	5.3kV	50/80/600	1.60	1.39	.996	.896		
◆	782-ILD620GB	E	DIP-8	UL/BSI/CSA	60	70	---	20/2.0	5.3kV	100/200/600	1.75	1.54	1.10	.991		
◆	782-ILD621GB	F	DIP-8	UL/BSI/VDE	60	---	70	2.0/2.0	5.3kV	100/200/600	1.27	1.07	.766	.689		
◆	782-MCT6	D	DIP-8	UL/BSI/CSA	60	30	7	3.0/3.0	5.3kV	20/50/----	1.01	.84	.559	.488		
◆	782-MCT6H	D	DIP-8	UL/BSI/CSA	60	70	7	3.0/4.7	5.0kV	50/100/----	.61	.51	.49	.48		
Quad Channel																
◆	782-CNY74-4H	G	DIP-16	UL	60	70	7	3.0/4.7	5.3kV	50/----/600	1.22	1.02	.838	.665		
◆	782-ILQ615-1	H	DIP-16	UL/BSI/CSA	60	70	7	2.0/2.0	5.3kV	----/25/----	2.43	2.04	1.68	1.38		
◆	782-ILQ615-2	H	DIP-16	UL/BSI/CSA	60	70	7	2.0/2.0	5.3kV	----/40/----	2.31	1.94	1.60	1.31		
◆	782-ILQ615-3	H	DIP-16	UL/BSI/CSA	60	70	7	2.0/2.0	5.3kV	----/60/----	2.31	1.94	1.60	1.31		
◆	782-ILQ615-4	H	DIP-16	UL/BSI/CSA	60	70	7	2.0/2.0	5.3kV	----/100/----	2.43	2.04	1.68	1.38		
◆	782-ILQ620	I	DIP-16	UL/BSI/CSA	60	70	---	20/2.0	5.3kV	50/80/600	2.87	2.14	1.71	1.55		
◆	782-ILQ620GB	I	DIP-16	UL/BSI/CSA	60	70	---	20/2.0	5.3kV	100/200/600	3.23	2.41	1.92	1.83		
◆	782-ILQ621	H	DIP-16	UL/BSI/VDE	60	---	70	2.0/2.0	5.3kV	50/80/600	2.42	2.03	1.45	1.30		
◆	782-ILQ621GB	H	DIP-16	UL/BSI/VDE	60	---	70	2.0/2.0	5.3kV	100/200/600	2.39	1.78	1.42	1.35		
◆	782-ILQ74	G	DIP-16	UL/BSI/CSA	60	20	5	3.0/3.0	5.3kV	12.5/35/----	3.04	2.55	2.11	1.73		
◆	782-K844P	I	DIP-16	UL/CSA	60	70	7	3.0/4.7	5.0kV	20/----/300	1.02	.73	.709	.672		
◆	782-K847PH	H	DIP-16	UL/CSA	60	70	7	3.0/4.7	5.0kV	50/----/600	.97	.81	.67	.59		
◆	782-SFH6916	H	SOP-16	UL	50	70	7	15/0.5	3.75kV	50/----/300	3.88	2.89	2.31	2.19		
◆	782-SFH6943A-3T	J	SOT-223/10	UL/CSA	3	70	7	2.6/2.8	1.768kV	100/----/320	2.60	2.08	1.72	1.51		
◆	782-TCMT4100	H	SOP-16	UL/CSA	60	70	7	3.0/4.7	3.75kV	50/----/600	1.52	1.06	.912	.82		
◆	782-TCMT4600	I	SOP-16	UL/CSA	60	70	7	3.0/4.7	3.75kV	80/----/300	2.11	1.65	1.52	1.15		

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (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			
Dual Channel																
◆	782-ILD2	D	DIP-8	UL/BSI/VDE	60	70	---	2.6/2.2	5.3kV	100/200/500	1.32	1.02	.756	.613		
Quad Channel																
◆	782-ILQ1	G	DIP-16	UL/BSI/VDE	60	50	---	1.9/1.4	5.3kV	20/80/300	1.83	1.53	1.14	1.00		
◆	782-ILQ2	G	DIP-16	UL/BSI/VDE	60	70	---	2.6/2.2	5.3kV	100/200/500	1.99	1.67	1.19	1.07		

PHOTO TRANSISTOR OUTPUT, BI-DIRECTIONAL INPUT

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MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (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																
◆	782-H11AA1	K	DIP-6	UL/BSI/CSA	60	30	5	----/----	5.3kV	20/----/----	.98	.81	.542	.474		
◆	782-IL250	K	DIP-6	UL/BSI/CSA	60	30	5	----/----	5.3kV	50/----/----	.90	.56	.54	.499		
◆	782-IL251	K	DIP-6	UL/BSI/CSA	60	30	5	----/----	5.3kV	20/----/----	.81	.61	.584	.54		
◆	782-IL252	K	DIP-6	UL/BSI/CSA	60	30	5	----/----	5.3kV	100/----/----	1.28	1.07	.712	.622		
Dual Channel																
◆	782-ILD250	L	DIP-8	UL/BSI/CSA	60	30	5	----/----	5.3kV	50/----/----	2.42	2.03	1.45	1.30		
◆	782-ILD252	L	DIP-8	UL/BSI/CSA	60	30	5	----/----	5.3kV	100/----/----	2.99	2.23	1.78	1.69		

PHOTO TRANSISTOR OUTPUT, HIGH SPEED

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 tPH/tPLH (Typ.) (μs)	Isolation Voltage (VRMS)	Current Transfer Ratio (Min./Typ./Max.) (%)			Price Each			
Mfr.	Mfr. Part No.									1	100	500	1000			
Single Channel																
◆	782-6N135	M	DIP-8	UL/CSA	25	15	1.0M	0.3/0.3	5.3kV	7.0/16/----	1.19	.92	.68	.552		
◆	782-6N136	M	DIP-8	UL/CSA	25	15	1.0M	0.2/0.2	5.3kV	19/35/----	1.01	.787	.582	.472		
◆	782-6N137	N	DIP-8	UL/CSA	20	7.0	10.0M	0.05/0.048	5.3kV	----/----/----	1.01	.787	.582	.472		
◆	782-SFH6136	M	DIP-8	UL/CSA	25	30	1.0M	0.3/0.3	5.3kV	19/35/----	.90	.56	.54	.492		
◆	782-SFH6316T	M	SOIC-8	UL/CSA	25	30	1.0M	0.25/0.50	4.0kV	19/35/50	1.27	1.06	.88	.77		
◆	782-SFH6343T	O	SOIC-8	UL/CSA	25	30	1.0M	0.25/0.50	4.0kV	15/36/----	1.41	1.18	.98	.859		
◆	782-SFH6345	O	DIP-8	UL	25	30	1.0M	0.3/0.3	5.3kV	19/30/----	1.34	1.12	.843	.758		

