

VISHAY Optocouplers

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



PHOTO TRANSISTOR OUTPUT, HIGH SPEED (CONT.)

Safety Standards:

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

Surface Mount Devices

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 tPHL/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-SFH6700	A	DIP-8	UL	10	15	5.0M	0.115/0.125	5.3kV	-----	1.54	1.14	.94	.80
	782-SFH6701	A	DIP-8	UL	10	15	5.0M	0.115/0.125	5.3kV	-----	1.37	1.03	.82	.88
	782-SFH6712	B	DIP-8	UL	10	15	5.0M	0.115/0.125	5.3kV	-----	1.51	1.27	1.04	.88
◆	782-SFH6720T	C	SOIC-8	UL	19	15	5.0M	0.125/0.125	3.0kV	-----	2.12	1.62	1.26	1.06
	782-VO2601	D	DIP-8	UL/CSA	20	7.0	10.0M	0.05/0.048	5.3kV	-----	1.74	1.26	.983	.814
◆	782-VO0601T	D	SOIC-8	UL/CSA	20	7.0	10.0M	0.05/0.048	4.0kV	-----	2.61	2.00	1.55	1.30
◆	782-VO0611T	D	SOIC-8	UL/CSA	20	7.0	10.0M	0.05/0.048	4.0kV	-----	2.77	2.38	1.99	1.51
Dual Channel														
◆	782-VO0630T	E	SOIC-8	UL/CSA	20	7.0	10.0M	0.05/0.048	4.0kV	-----	2.68	2.14	1.77	1.70
◆	782-VO0631T	E	SOIC-8	UL/CSA	20	7.0	10.0M	0.05/0.048	4.0kV	-----	2.81	2.25	1.85	1.74
◆	782-VO0661T	E	SOIC-8	UL/CSA	20	7.0	10.0M	0.05/0.048	4.0kV	-----	2.94	2.35	1.94	1.80

PHOTO TRANSISTOR OUTPUT, HIGH VOLTAGE

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (mA)	VCBO (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
Single Channel														
	782-H11D1	F	DIP-6	UL/BSI	60	300	7	2.5/5.5	5.3kV	20/-----	1.10	.93	.75	.66
	782-H11D2	F	DIP-6	UL/BSI	60	300	7	2.5/5.5	5.3kV	20/-----	1.15	.92	.76	.64

PHOTO TRIAC OUTPUT (NON-ZERO CROSSING)



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Package	Safety Standard	dV/dtcr (Typ.) (V/μs)	VDRM (max) (V)	IF (mA)	Reverse Voltage (max.) (V)	Isolation Voltage (VRMS)	Current Transfer Ratio (Min./Typ./Max.) (%)	Price Each			
Mfr.	Mfr. Part No.										1	100	500	1000
Single Channel														
	78-VOM3053T	G	SOP-4	UL, cUL, VDE, CQC	1500	600	60.0	6.0	3750	---/---/---	1.16	.92	.74	.66
	78-VOM3052T	G	SOP-4	UL, cUL, VDE, CQC	1500	600	60.0	6.0	3750	---/---/---	1.09	.86	.70	.62
	78-VOM160NT	G	SOP-4	UL, cUL, VDE, CQC	500	600	60.0	6.0	3750	---/---/---	.78	.62	.50	.45
	78-VOM160PT	G	SOP-4	UL, cUL, VDE, CQC	500	600	60.0	6.0	3750	---/---/---	.89	.70	.57	.51
	78-VOM160RT	G	SOP-4	UL, cUL, VDE, CQC	500	600	60.0	6.0	3750	---/---/---	.99	.78	.63	.56
	782-IL420	H	DIP-6	UL/CSA	10000	600	60.0	6.0	5.3kV	1.0/2.0	3.27	2.38	1.92	1.62
	782-IL4208	H	DIP-6	UL/CSA	10000	800	60.0	6.0	5.3kV	1.0/2.0	3.55	2.59	2.09	1.77
	782-IL4218	H	DIP-6	UL/BSI/CSA	10000	800	60.0	6.0	5.3kV	0.7/-----	4.50	3.28	2.65	2.23
	78-K3010P	H	DIP-6	UL/BSI	10	250	80.0	5.0	3.75kV	8.0/15.0	.67	.44	.35	.32
	78-K3011P	H	DIP-6	UL/BSI	10	250	80.0	5.0	3.75kV	5.0/10.0	.51	.35	.30	.29
	78-K3012P	H	DIP-6	UL/BSI	10	250	80.0	5.0	3.75kV	2.0/5.0	.53	.44	.37	.328
	78-K3020P	H	DIP-6	UL/BSI	10	400	80.0	5.0	3.75kV	15.0/30.0	.50	.37	.29	.28
	78-K3021P	H	DIP-6	UL/BSI	10	400	80.0	5.0	3.75kV	8.0/15.0	.69	.45	.29	.25
	78-K3021PG	H	DIP-6	UL/BSI	10	400	80.0	5.0	3.75kV	8.0/15.0	.51	.43	.35	.317
	78-K3022P	H	DIP-6	UL/BSI	10	400	80.0	5.0	3.75kV	5.0/10.0	.53	.40	.32	.315
	782-K3022PG	H	DIP-6	UL/BSI	10	400	80.0	5.0	3.75kV	5.0/10.0	.54	.40	.322	.313
	78-K3023P	H	DIP-6	UL/BSI	10	400	80.0	5.0	3.75kV	2.0/5.0	.74	.49	.30	.25
	782-K3023PG	H	DIP-6	UL/BSI	10	400	80.0	5.0	3.75kV	2.0/5.0	.58	.47	.38	.34
	782-VO3052	H	DIP-6	UL/BSI/CUL	1500	600	60.0	6.0	5.3kV	-----/10	.89	.61	.53	.47
	782-VO4256H	H	DIP-6	UL/CSA	5000	600	60.0	6.0	5.3kV	-----/2.0	1.85	1.48	1.22	1.03
	782-VO4258M	H	DIP-6	UL/CSA	5000	800	60.0	6.0	5.3kV	-----/3.0	2.37	1.90	1.57	1.40

PHOTO TRIAC OUTPUT (ZERO CROSSING)

For quantities greater than listed, call for quote.

	782-IL410	I	DIP-6	UL/CSA	10000	600	60.0	6.0	5.3kV	-----/2.0	3.27	2.38	1.92	1.62
	782-VO3062	I	DIP-6	UL/CUL	1500	600	60.0	6.0	5.3kV	-----/10	1.27	.88	.68	.552
	782-VO4156H	I	DIP-6	UL/CSA	5000	600	60.0	6.0	5.3kV	-----/2.0	1.98	1.58	1.30	1.20
	782-VO4158D	I	DIP-6	UL/CSA	5000	800	60.0	6.0	5.3kV	-----/1.6	2.40	1.94	1.60	1.56

POWER PHOTO TRIAC OUTPUT

For quantities greater than listed, call for quote.

	782-VO3526	J	DIP-10 (16)	UL/VDE	210	600	50.0	5.0	5.3kV	-----/10	1.20	.96	.79	.70
--	------------	---	-------------	--------	-----	-----	------	-----	-------	----------	------	-----	-----	-----

LINEAR OPTOCOUPLEDERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (mA)	Input Power Dissipation	Freq. Response (kHz)	Transfer Gain (ΔK3) (%)	Isolation Voltage (VRMS)	Input-Output Capacitance @1.0 MHz (pF)	Price Each			
Mfr.	Mfr. Part No.										1	100	500	1000
	782-IL300	K	DIP-8	UL	60	160mW	200	0.557 to 1.618	5.3kV	1	4.43	3.24	2.62	2.21
	782-IL300-DEFG	K	DIP-8	UL	60	160mW	200	0.765 to 1.181	5.3kV	1	4.57	3.34	2.71	2.28
	782-IL300-E	K	DIP-8	UL	60	160mW	200	0.851 to 0.955	5.3kV	1	10.84	8.02	6.72	5.85
	782-IL300-EF	K	DIP-8	UL	60	160mW	200	0.851 to 1.061	5.3kV	1	5.31	4.52	3.62	3.52
	782-IL300-F	K	DIP-8	UL	60	160mW	200	0.945 to 1.061	5.3kV	1	10.84	8.02	6.72	5.85
◆	782-IL388	L	SOIC-8	-----	30	150mW	1000	0.690 to 1.311	2.13kV	1	4.39	3.51	2.64	2.55

CURRENT IGBT AND MOSFET DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (mA)	IOH/IOI (PEAK) (Max.)(A)	Rise and Fall Times Typ. (μs)	VCC-VEE (Min./Max.) (V)	Isolation Voltage (VRMS)	Total Power Dissipation (Max.) (mW)	Price Each			
Mfr.	Mfr. Part No.										1	100	500	1000
◆	782-VO3120-X007T	M	SMD-8	UL/CSA	25	2.5	0.1/0.1	15/32	5.3kV	295	2.11	1.61	1.25	.907
	782-VO3120	M	DIP-8	UL/CSA	25	2.5	0.1/0.1	15/32	5.3kV	295	1.55	1.24	1.02	.806
◆	782-VO3150A-X007T	M	SMD-8	UL/CSA	25	0.5	0.1/0.1	15/32	5.3kV	295	1.79	1.37	1.06	.81
	782-VO3150A	M	DIP-8	UL/CSA	25	0.5	0.1/0.1	15/32	5.3kV	295	1.30	1.04	.86	.75

ANALOG TRANSISTOR OCTOCOUPLEDERS, HIGH-SPEED



For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Package	Safety Standard	IF (mA)	Input Power Dissipation	Reverse Voltage (Max.) (V)	VCC-VEE (Typ./Max.) (V)	Isolation Voltage (VRMS)	Total Power Dissipation (Max.) (mW)	Price Each			
Mfr.	Mfr. Part No.										1	100	500	1000
Single Channel														
◆	782-VOM452T	N	SOP-5	UL/CUL	25	45mW	3	0.15/0.40	3750	45	1.14	.81	.63	.495
◆	782-VOM453T	N	SOP-5	UL/CUL	25	45mW	3	0.15/0.40	3750	45	1.33	.945	.735	.577
	782-VO2611-X007T	O	SMD-8	BSI/UL/CUL	20	35	5	0.2/0.6	5300	85	1.64	1.31	1.08	.921
Dual Channel														
	782-VO4661-X007T	P	SMD-8	BSI/UL/CUL	20	25	5	0.2/0.6	5300	60	2.53	2.02	1.67	1.42

