

LITE-ON LED Optocouplers



This product is RoHS compliant.

The Lite-On Optocoupler products feature high collector emitter and I/O isolation voltages. They are suitable for a wide-range of applications and are ideal as signal transmitters between circuits of different potentials and impedances. All Lite-On optocouplers have safety approval certificates from VDE, CSA, UL, TUV, BSI, FIMKO, NEMKO, DEMIKO and SEMIKO.



HIGH SPEED PHOTOCOUPPLERS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lite-On Part No.	Package	IF (mA)	Max Power Dissipation	Reverse Diode Voltage	Rise/Fall Times (typ.)	Isolation Voltage (VRMS)	Max. Baud Rate (Mbps)	Price Each		
									1	10	100
859-LTV-0501	LTV-0501	SO8	25	100mW	5 V	-	3750	1	1.62	1.46	1.16
859-LTV-0601	LTV-0601	SO8	20	85mW	5 V	20/6.6	3750	10	1.66	1.49	1.19
859-LTV-0701	LTV-0701	SO8	20	100 mW	5 V	20/6.6	3750	100	1.54	1.38	1.10

PHOTO TRANSISTOR

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lite-On Part No.	Package	IF (mA)	BVCEO (V)	BVECO (V)	Rise/Fall Times (typ.)	Isolation Voltage (VRMS)	Current Transfer Ratio	Price Each		
									1	10	100
Photo Transistor Output											
859-CNY17F-3S	CNY17F-3S	SMT-6	60	70	7.0	5/5	5000	100 / - /200	.24	.21	.166
859-CNY17F-4	CNY17F-4	DIP-6	60	70	7.0	5/5	5000	160 / - /320	.23	.20	.165
859-CNY17F-4S	CNY17F-4S	SMT-6	60	70	7.0	5/5	5000	160 / - /320	.24	.21	.166
859-H11D1S	H11D1S	SMT-6	60	300	7.0	5/5	5000	20/-/	.54	.483	.386
859-LTV-356T	LTV-356T	MINI-FLAT 4	50	80	6.0	4/3	3750	50-/600	.21	.192	.148
859-LTV-357T	LTV-357T	MINI-FLAT 4	50	35	6.0	4/3	3750	50-/600	.21	.192	.148
859-LTV-358T	LTV-358T	MINI-FLAT 4	50	120	6.0	4/3	3750	20/-/	.30	.272	.21
859-LTV-702FS	LTV-702FS	SMT-6	60	70	6.0	2/2	5000	40-/320	.24	.21	.166
859-LTV-702V	LTV-702V	DIP-6	70	70	6.0	2/2	5000	40-/320	.23	.20	.165
859-LTV-702VS	LTV-702VS	SMT-6	70	70	6.0	2/2	5000	40-/320	.24	.21	.166
859-LTV-816	LTV-816	DIP-4	50	80	6.0	4/3	5000	50-/600	.18	.16	.124
859-LTV-816S	LTV-816S	SMT-4	50	80	6.0	4/3	5000	50-/600	.18	.165	.13
859-LTV-817	LTV-817	DIP-4	50	35	6.0	4/3	5000	50-/600	.18	.16	.124
859-LTV-817S	LTV-817S	SMT-4	50	35	6.0	4/3	5000	50-/600	.18	.165	.13
859-LTV-826	LTV-826	DIP-8	50	80	6.0	4/3	5000	50-/600	.35	.315	.253
859-LTV-826S	LTV-826S	8 PIN	50	80	6.0	4/3	5000	50-/600	.36	.325	.254
859-LTV-827	LTV-827	DIP-8	50	35	6.0	4/3	5000	50-/600	.35	.315	.253
859-LTV-846	LTV-846	DIP-16	50	80	6.0	4/3	5000	50-/600	.70	.629	.498
859-LTV-846S	LTV-846S	SMT-16	50	80	6.0	4/3	5000	50-/600	.71	.639	.508
859-LTV-847	LTV-847	DIP-16	50	35	6.0	4/3	5000	50-/600	.70	.629	.498
859-LTV-847S	LTV-847S	SMT-16	50	35	6.0	4/3	5000	50-/600	.71	.639	.508
859-LTV-851S	LTV-851S	SMT-4	50	300	6.0	4/5	5000	40/-/	.49	.438	.35

Photo Transistor Output / AC Input

859-LTV-354T	LTV-354T	MINI-FLAT 4	±50	35	6.0	4/3	3750	20-/400	.28	.254	.202
859-LTV-733	LTV-733	DIP-6	±50	35	6.0	4/3	5000	20-/300	.39	.35	.28
859-LTV-733S	LTV-733S	SMT-6	±50	35	6.0	4/3	5000	20-/300	.40	.36	.29
859-LTV-814	LTV-814	SMT-4	±50	35	6.0	4/3	5000	20-/300	.25	.22	.176
859-LTV-8141S	LTV-8141S	SMT-4	±50	35	6.0	60/53	5000	600-/7500	.46	.403	.324
859-LTV-814H	LTV-814H	DIP-4	±150	35	6.0	4/3	5000	20-/80	.28	.254	.202
859-LTV-814HS	LTV-814HS	SMT-4	±150	35	6.0	4/3	5000	20-/80	.29	.262	.21
859-LTV-814S	LTV-814S	SMT-4	±50	35	6.0	4/3	5000	20-/300	.25	.228	.184
859-LTV-824	LTV-824	DIP-8	±50	35	6.0	4/3	5000	20-/300	.49	.438	.35
859-LTV-824H	LTV-824H	DIP-8	±150	35	6.0	4/3	5000	20-/80	.56	.498	.402
859-LTV-824HS	LTV-824HS	SMT-8	±150	35	6.0	4/3	5000	20-/80	.57	.508	.412
859-LTV-824S	LTV-824S	SMT-8	±50	35	6.0	4/3	5000	20-/300	.50	.448	.36
859-LTV-844	LTV-844	DIP-16	±50	35	6.0	4/3	5000	20-/300	.98	.875	.70
859-LTV-844H	LTV-844H	DIP-16	±150	35	6.0	4/3	5000	20-/80	1.12	.998	.796
859-LTV-844HS	LTV-844HS	SMT-16	±150	35	6.0	4/3	5000	20-/80	1.12	.998	.803
859-LTV-844S	LTV-844S	SMT-16	±50	35	6.0	4/3	5000	20-/300	.99	.885	.71

SINGLE TRANSISTOR OUTPUT

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lite-On Part No.	Package	IF (mA)	BVCEO (V)	BVECO (V)	Rise/Fall Times (typ.)	Isolation Voltage (VRMS)	Current Transfer Ratio	Price Each		
									1	10	100
859-LTH-301-05	LTH-301-05	Slotted	10.45	60	30.0	5	3/4	1.2	.81	.73	.58

PHOTO DARLINGTON

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lite-On Part No.	Package	IF (mA)	BVCEO (V)	BVECO (V)	Rise/Fall Times (typ.)	Isolation Voltage (VRMS)	Current Transfer Ratio	Price Each		
									1	10	100
Photo Darlington Output											
859-LTV-352T	LTV-352T	MINI-FLAT 4	50	300	0.1	20/100	3750	1000/-/	.48	.425	.346
859-LTV-355T	LTV-355T	MINI-FLAT 4	50	35	6.0	60/53	3750	600-/7500	.28	.255	.202
859-LTV-815	LTV-815	DIP-4	50	35	6.0	60/53	5000	600-/7500	.22	.202	.158
859-LTV-815S	LTV-815S	SMT-4	50	35	6.0	60/53	5000	600-/7500	.23	.212	.168
859-LTV-825	LTV-825	DIP-8	50	35	6.0	60/53	5000	600-/7500	.44	.395	.316
859-LTV-825S	LTV-825S	SMT-8	50	35	6.0	60/53	5000	600-/7500	.46	.403	.324
859-LTV-845S	LTV-845S	SMT-16	50	35	6.0	60/53	5000	600-/7500	.89	.798	.64
859-LTV-852S	LTV-852S	SMT-4	50	300	0.1	100/20	5000	1000/4000/15000	.49	.438	.35
Photo Darlington Output / AC Input											
859-LTV-8241S	LTV-8241S	SMT-8	±50	35	6.0	60/53	5000	600-/7500	.89	.798	.64

PHOTOTRIAC OUTPUT

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lite-On Part No.	Package	dv/dt V/μs	VDRM (V) (Min.)	IF (mA)	Peak On-State Voltage (Max.)	Isolation Voltage (VRMS)	Trigger Current (mA) (typ./Max.)	Price Each		
									1	10	100
859-MOC3020	MOC3020	DIP-6	800	400	50.0	3	5000	15/30	.44	.395	.316
859-MOC3020S	MOC3020S	SMT-6	800	400	50.0	3	5000	15/30	.46	.403	.324
859-MOC3021	MOC3021	DIP-6	800	400	50.0	3	5000	8/15	.44	.395	.316
859-MOC3022	MOC3022	DIP-6	800	400	50.0	3	5000	-/10	.44	.395	.316
859-MOC3022S	MOC3022S	SMT-6	800	400	50.0	3	5000	-/10	.46	.403	.324
859-MOC3023	MOC3023	DIP-6	800	400	50.0	3	5000	-/5	.44	.395	.316
859-MOC3023S	MOC3023S	SMT-6	800	400	50.0	3	5000	-/5	.46	.403	.324
859-MOC3052	MOC3052	DIP-6	1000	600	50.0	3	5000	-/10	.53	.473	.376
859-MOC3063	MOC3063	DIP-6	1500	600	50.0	3	5000	-/5	.46	.41	.332
859-MOC3063S	MOC3063S	SMT-6	1500	600	50.0	3	5000	-/5	.47	.42	.342