

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.



PHOTO TRANSISTOR

For quantities of 250 and up, 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	.29	.24	.22
859-CNY17F-4	CNY17F-4	DIP-6	60	70	7.0	5/5	5000	160 / - /320	.28	.23	.21
859-CNY17F-4S	CNY17F-4S	SMT-6	60	70	7.0	5/5	5000	160 / - /320	.29	.24	.22
859-H11D1S	H11D1S	SMT-6	60	300	7.0	5/5	5000	20 / - /	.66	.55	.50
859-LTV-356T	LTV-356T	MINI-FLAT 4	50	80	6.0	4/3	3750	50 / - /600	.26	.22	.19
859-LTV-357T	LTV-357T	MINI-FLAT 4	50	35	6.0	4/3	3750	50 / - /600	.26	.22	.19
859-LTV-358T	LTV-358T	MINI-FLAT 4	50	120	6.0	4/3	3750	20 / - /	.37	.31	.28
859-LTV-702FS	LTV-702FS	SMT-6	60	70	6.0	2/2	5000	40 / - /320	.29	.24	.22
859-LTV-702V	LTV-702V	DIP-6	70	70	6.0	2/2	5000	40 / - /320	.28	.23	.21
859-LTV-702VS	LTV-702VS	SMT-6	70	70	6.0	2/2	5000	40 / - /320	.29	.24	.22
859-LTV-816	LTV-816	DIP-4	50	80	6.0	4/3	5000	50 / - /600	.21	.18	.16
859-LTV-816S	LTV-816S	SMT-4	50	80	6.0	4/3	5000	50 / - /600	.23	.19	.17
859-LTV-817	LTV-817	DIP-4	50	35	6.0	4/3	5000	50 / - /600	.21	.18	.16
859-LTV-817S	LTV-817S	SMT-4	50	35	6.0	4/3	5000	50 / - /600	.23	.19	.17
859-LTV-826	LTV-826	DIP-8	50	80	6.0	4/3	5000	50 / - /600	.43	.36	.32
859-LTV-826S	LTV-826S	8 PIN	50	80	6.0	4/3	5000	50 / - /600	.44	.37	.33
859-LTV-827	LTV-827	DIP-8	50	35	6.0	4/3	5000	50 / - /600	.43	.36	.32
859-LTV-846	LTV-846	DIP-16	50	80	6.0	4/3	5000	50 / - /600	.86	.72	.64
859-LTV-846S	LTV-846S	SMT-16	50	80	6.0	4/3	5000	50 / - /600	.87	.73	.65
859-LTV-847	LTV-847	DIP-16	50	35	6.0	4/3	5000	50 / - /600	.86	.72	.64
859-LTV-847S	LTV-847S	SMT-16	50	35	6.0	4/3	5000	50 / - /600	.87	.73	.65
859-LTV-851	LTV-851	DIP-4	50	300	6.0	4/5	5000	40 / - /	.59	.49	.44
859-LTV-851S	LTV-851S	SMT-4	50	300	6.0	4/5	5000	40 / - /	.60	.50	.45
859-LTV-829	LTV-829	8 PIN	50	35	6.0	4/3	5000	50 / - /400	.43	.36	.32
Photo Transistor Output / AC Input											
859-LTV-354T	LTV-354T	MINI-FLAT 4	+ 50	35	6.0	4/3	3750	20 / - /400	.34	.29	.26
859-LTV-733	LTV-733	DIP-6	+ 50	35	6.0	4/3	5000	20 / - /300	.48	.40	.36
859-LTV-733S	LTV-733S	SMT-6	+ 50	35	6.0	4/3	5000	20 / - /300	.49	.41	.37
859-LTV-814	LTV-814	SMT-4	+ 50	35	6.0	4/3	5000	20 / - /300	.30	.25	.23
859-LTV-8141S	LTV-8141S	SMT-4	+ 50	35	6.0	60/53	5000	600 / - /7500	.55	.46	.41
859-LTV-814H	LTV-814H	DIP-4	+ 150	35	6.0	4/3	5000	20 / - /80	.34	.29	.26
859-LTV-814HS	LTV-814HS	SMT-4	+ 150	35	6.0	4/3	5000	20 / - /80	.36	.30	.27
859-LTV-814S	LTV-814S	SMT-4	+ 50	35	6.0	4/3	5000	20 / - /300	.31	.26	.23
859-LTV-824	LTV-824	DIP-8	+ 50	35	6.0	4/3	5000	20 / - /300	.60	.50	.45
859-LTV-824H	LTV-824H	DIP-8	+ 150	35	6.0	4/3	5000	20 / - /80	.69	.57	.52
859-LTV-824HS	LTV-824HS	SMT-8	+ 150	35	6.0	4/3	5000	20 / - /80	.70	.58	.52
859-LTV-824S	LTV-824S	SMT-8	+ 50	35	6.0	4/3	5000	20 / - /300	.61	.51	.46
859-LTV-844	LTV-844	DIP-16	+ 50	35	6.0	4/3	5000	20 / - /300	1.20	1.00	.90
859-LTV-844H	LTV-844H	DIP-16	+ 150	35	6.0	4/3	5000	20 / - /80	1.37	1.14	1.03
859-LTV-844HS	LTV-844HS	SMT-16	+ 150	35	6.0	4/3	5000	20 / - /80	1.38	1.15	1.04
859-LTV-844S	LTV-844S	SMT-16	+ 50	35	6.0	4/3	5000	20 / - /300	1.21	1.01	.91

SINGLE TRANSISTOR OUTPUT

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	Lite-On Part No.	Package	Lead Spacing (mm)	IF (mA)	VCEO (V)	VECO (V)	Rise/Fall Times (typ.)	Forward Voltage	Price Each		
									1	10	100
859-LTH-1550-01	LTH-1550-01	Reflective	4.1	60	30.0	5	-	1.2	.69	.57	.52
859-LTH-301-05	LTH-301-05	Slotted	10.45	60	30.0	5	3/4	1.2	.87	.73	.66
859-LTH-301-07	LTH-301-07	Slotted	9.0	60	30.0	5	3/4	1.2	.87	.73	.66

PHOTO DARLINGTON

For quantities of 250 and up, 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 / - /	.59	.49	.44
859-LTV-355T	LTV-355T	MINI-FLAT 4	50	35	6.0	60/53	3750	600 / - /7500	.35	.29	.26
859-LTV-815	LTV-815	DIP-4	50	35	6.0	60/53	5000	600 / - /7500	.27	.23	.20
859-LTV-815S	LTV-815S	SMT-4	50	35	6.0	60/53	5000	600 / - /7500	.28	.24	.21
859-LTV-825	LTV-825	DIP-8	50	35	6.0	60/53	5000	600 / - /7500	.54	.45	.41
859-LTV-825S	LTV-825S	SMT-8	50	35	6.0	60/53	5000	600 / - /7500	.55	.46	.41
859-LTV-845S	LTV-845S	SMT-16	50	35	6.0	60/53	5000	600 / - /7500	1.09	.91	.82
859-LTV-852	LTV-852	DIP-4	50	300	0.1	100/20	5000	1000/4000/15000	.59	.49	.44
859-LTV-852S	LTV-852S	SMT-4	50	300	0.1	100/20	5000	1000/4000/15000	.60	.50	.45
Photo Darlington Output / AC Input											
859-LTV-8241S	LTV-8241S	SMT-8	±50	35	6.0	60/53	5000	600 / - /7500	1.09	.91	.82
859-LTV-8441S	LTV-8441S	SMT-16	±50	35	6.0	60/53	5000	600 / - /7500	2.17	1.81	1.63

PHOTOTRIAC OUTPUT

For quantities of 250 and up, 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	.54	.45	.40
859-MOC3020S	MOC3020S	SMT-6	800	400	50.0	3	5000	15/30	.55	.46	.41
859-MOC3021	MOC3021	DIP-6	800	400	50.0	3	5000	8/15	.54	.45	.40
859-MOC3021S	MOC3021S	SMT-6	800	400	50.0	3	5000	8/15	.55	.46	.41
859-MOC3022	MOC3022	DIP-6	800	400	50.0	3	5000	-10	.54	.45	.40
859-MOC3022S	MOC3022S	SMT-6	800	400	50.0	3	5000	-10	.55	.46	.41
859-MOC3023	MOC3023	DIP-6	800	400	50.0	3	5000	-5	.54	.45	.40
859-MOC3023S	MOC3023S	SMT-6	800	400	50.0	3	5000	-5	.55	.46	.41
859-MOC3052	MOC3052	DIP-6	1000	600	50.0	3	5000	-10	.62	.52	.47
859-MOC3052S	MOC3052S	SMT-6	1000	600	50.0	3	5000	-10	.63	.53	.48
859-MOC3063	MOC3063	DIP-6	1500	600	50.0	3	5000	-5	.71	.59	.53
859-MOC3063S	MOC3063S	SMT-6	1500	600	50.0	3	5000	-5	.72	.60	.54

