

# TOSHIBA Op Amps and Photocouplers

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Toshiba Opto Components

## PHOTOCOUPLERS

### Photovoltaic Output Devices

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Toshiba Part No.	Package Type	Description	Voltage Output (V)	Isolation Voltage (Vrms)	Price Each		
						1	10	100
757-TLP590B(C,F)	TLP590B(C,F)	DIP-6	Standard	7	2500	2.94	2.62	2.15
757-TLP591B(C,F)	TLP591B(C,F)	DIP-6	Internal shunt resistor	7	2500	2.94	2.37	1.90
757-TLP190B(U,C,F)	TLP190B(U,C,F)	MFSOP6	Standard	7	2500	2.32	1.87	1.50
757-TLP191B(U,C,F)	TLP191B(U,C,F)	MFSOP6	Internal shunt resistor	24	2500	2.94	2.37	1.90

## Transistor Output Devices

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Toshiba Part No.	Package Type	Description	Voltage Output (V)	Isolation Voltage (Vrms)	Price Each		
						1	10	100
757-TLP124(BV-TPR,F)	TLP124(BV-TPR,F)	MFSOP6	Low input current	80	3750	.77	.605	.391
757-TLP124(F)	TLP124(F)	SOP-6	Low input current	80	3750	.77	.605	.392
757-TLP124(TPR,F)	TLP124(TPR,F)	MFSOP6	AC input, Low input current	80	3750	.77	.605	.391
757-TLP126(F)	TLP126(F)	MFSOP6	AC input, Low input current	80	3750	1.08	.865	.664
757-TLP126(TPR,F)	TLP126(TPR,F)	MFSOP6	AC input, Low input current	80	3750	1.08	.864	.663
757-TLP127TPRUF	TLP127(TPR,U,F)	MFSOP6	Darlington, High VCEO	300	2500	1.01	.806	.619
757-TLP182(BL-TPL,E)	TLP182(BL-TPL,E)	SOP-4	InGaAs infrared LED & Phototransistor	80	3750	.72	.561	.363
757-TLP183(GR-TPLE)	TLP183(GR-TPLE,E)	SOP-4	InGaAs infrared LED & Phototransistor	80	3750	.72	.561	.363
757-TLP184E	TLP184(E)	SOIC-6	AC/DC input module	80	3750	.64	.476	.299
757-TLP185GBE	TLP185(GB,E)	SOIC-6	AC/DC input module	80	3750	.51	.379	.238
757-TLP2904GBE	TLP290-4(GB,E)	SO-16	AC Input, Gallium arsenide infrared emitter	80	2500	1.85	1.50	1.20
757-TLP2914GBE	TLP291-4(GB,E)	SO-16	DC Input, Gallium arsenide infrared emitter	80	2500	1.73	1.38	1.06
757-TLP292(TPLE)	TLP292(TPL,E)	SOP-4	InGaAs infrared LED & Phototransistor	80	3750	.73	.573	.371
757-TLP293(V4-GHTLE)	TLP293(V4-GHTL,E)	SO-4	InGaAs infrared emitting diode	80	3750	.59	.394	.22
757-TLP372(F)	TLP372(F)	DIP-6	Darlington, High VCEO, No base connection	300	5000	.93	.749	.575
757-TLP504A(GB,F)	TLP504A(GB,F)	DIP-8	Standard, Programmable Controllers AC/DC	55	2500	1.51	1.21	.929
757-TLP504A-2(GB,F)	TLP504A-2(GB,F)	DIP-8	Standard, Programmable Controllers AC/DC	55	2500	2.60	2.10	1.68
757-TLP559(F)	TLP559(F)	DIP-8	High CMR, no internal base connection	15	2500	2.32	1.87	1.50
757-TLP559(IGM,F)	TLP559(IGM,F)	DIP-8	High CMR	15	2500	2.32	1.87	1.50
757-TLP620-4(F)	TLP620-4(F)	DIP-16	Four channels	55	5000	2.86	2.31	1.85
757-TLP620-4(GB,F)	TLP620-4(GB,F)	DIP-16	Four channels	55	5000	2.07	1.67	1.34
757-TLP620-4(GB-LF1)	TLP620-4(GB-LF1,F)	DIP-16	Four channels	55	5000	2.07	1.67	1.34
757-TLP624-2(F)	TLP624-2(F)	DIP-8	Two TLP624 channels, BSI-approved	55	5000	1.54	1.25	1.00
757-TLP624-4(F)	TLP624-4(F)	DIP-16	Four TLP624 channels, BSI-approved	55	5000	2.80	2.50	2.04
757-TLP624F	TLP624F	DIP-4	Low input current, BSI approved	55	5000	.98	.764	.494
757-TLP626(F)	TLP626(F)	DIP-4	AC input, Low input current, BSI-approved	55	5000	1.26	1.00	.774
757-TLP626-4(F)	TLP626-4(F)	DIP-16	Four TLP626 channels, BSI-approved	55	5000	4.20	3.75	3.07
757-TLP627-4F	TLP627-4F	DIP-16	Four channels, BSI approved	300	5000	1.58	1.51	1.44
757-TLP631(GB,F)	TLP631(GB,F)	DIP-6	Standard, internal base connection	55	5000	.90	.72	.553
757-TLP700F	TLP700(F)	DIP-6	High-speed, Low power consumption	30	5000	2.72	2.20	1.76
757-TLP719(TP,F)	TLP719(TP,F)	DIP-6	High isolation, High CMR	40	5000	1.54	1.25	1.00
757-TLP781(GB-LF6,F)	TLP781(GB-LF6,F)	DIP-4	High isolation, UL double protection approved	80	5000	.53	.353	.197
757-TLP781(GR-LF6,F)	TLP781(GR-LF6,F)	DIP-4	High isolation, UL double protection approved	80	5000	.53	.353	.197

## Triac Output Devices

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Toshiba Part No.	Package Type	Description	Voltage Output (V)	Isolation Voltage (Vrms)	Price Each		
						1	10	100
757-TLP160(TPR,U,C,F)	TLP160J(TPR,U,C,F)	MFSOP6	Non-zero-voltage turn-on	600	2500	.90	.72	.553
757-TLP161J(TPR,U,C,F)	TLP161J(TPR,U,C,F)	MFSOP6	Zero-voltage turn-on	600	2500	1.08	.864	.663
757-TLP168J(TPR,U,C,F)	TLP168J(TPR,U,C,F)	MFSOP6	Zero-voltage turn-on, Extra-low IFT	600	2500	1.55	1.23	.951
757-TLP265J(T7-TPLE)	TLP265J(T7-TPL,E)	SOP-4	Without Zero-Crossing Circuit	600	3750	.94	.749	.575
757-TLP266J(T7-TPLE)	TLP266J(T7-TPL,E)	SOP-4	With Zero-Crossing Circuit	600	3750	.94	.749	.575
757-TLP267J(TPLE)	TLP267J(TPL,E)	SOP-4	Without Zero-Crossing Circuit	600	3750	.90	.701	.454
757-TLP268J(TPLE)	TLP268J(TPL,E)	SOP-4	With Zero-Crossing Circuit	600	3750	.94	.749	.575
757-TLP525G-2(F)	TLP525G-2(F)	DIP-8	Two TLP525G channels	600	2500	1.85	1.50	1.20
757-TLP525GF	TLP525GF	DIP-4	Two isolated channels	400	2500	1.08	.864	.663
757-TLP748JD4F	TLP748J(D4,F)	DIP-6	4mm internal creepage path	600	4000	1.55	1.23	.951
757-TLP748JF	TLP748J(F)	DIP-6	4mm internal creepage path	600	4000	1.51	1.21	.929

## IC OUTPUT DEVICES

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Toshiba Part No.	Package Type	Description	Voltage Output (V)	Isolation Voltage (Vrms)	Price Each		
						1	10	100
757-TLP105(F)	TLP105(F)	SOP-6	Buffer logic	0.0016	3750	2.94	2.62	2.15
757-TLP108(F)	TLP108(F)	SOP-6	Inverter logic	0.0016	3750	2.94	2.62	2.15
757-TLP109E	TLP109(E,O)	SO-6	High operating temperature	0.08	3750	1.54	1.25	1.00
757-TLP117F	TLP117(F)	SOP-6	High-speed, Inverter logic	0.01	3750	2.94	2.37	1.90
757-TLP118E	TLP118(E,O)	SO-6	Open collector output, High-gain, High-speed	0.025	3750	1.79	1.42	1.09
757-TLP152TPLE	TLP152(TPL,E)	SO-6	IGBT/MOSFET Gate Drive	35	3750	1.04	.836	.642
757-TLP172A(F)	TLP172A(F)	SOP-4	Low trigger current, High output current, General purpose	0.05	1500	1.85	1.50	1.20
757-TLP172G(F)	TLP172G(F)	SOP-4	Low trigger current, General purpose	0.05	1500	1.85	1.50	1.20
757-TLP2066(F)	TLP2066(F)	SOP-6	High-speed, Inverter logic	0.01	3750	2.16	1.75	1.40
757-TLP2166AF	TLP2166A(F)	SO-8	High-speed, Inverter logic, Low input current	0.03	2500	3.36	3.00	2.45
757-TLP2168F	TLP2168(F)	SO-8	High-speed, Low Power	6	2500	3.69	3.30	2.70
757-TLP2200F	TLP2200(F)	DIP-8	Low input current, High-speed	0.025	2500	1.62	1.29	.995
757-TLP222A-2(F)	TLP222A-2(F)	DIP-8	Low trigger current, High output current	0.05	2500	2.78	2.25	1.80
757-TLP222AF	TLP222AF	DIP-4	Low trigger current, High output current	0.05	2500	1.62	1.29	.995
757-TLP222G(F)	TLP222G(F)	DIP-4	Low trigger current, General purpose	0.05	2500	1.62	1.29	.995
757-TLP227G-2(F)	TLP227G-2(F)	DIP-8	Two channels	0.05	2500	2.84	2.30	1.84
757-TLP2309TPLE	TLP2309(TPL,E)	SO-6	High-speed, 1Mbps	20	3750	1.62	1.29	.996
757-TLP2361(TPLE)	TLP2361(TPL,E)	SO-6	High-speed, 15Mbps	6	3750	.90	.72	.553
757-TLP2362E	TLP2362(E)	SO-6	High-speed, Low Power	6	3750	.90	.72	.553
757-TLP2468TPF	TLP2468(TP,F)	SO-8	High-speed, Low Power	6	3750	.90	.72	.553
757-TLP250	TLP250(TP1,F)	DIP-8	Medium-power IGBT/MOSFET direct drive, High-speed	0.0015	2500	1.79	1.45	1.16
757-TLP352TP1F	TLP352(TP1,F)	DIP-8	IGBT/MOSFET Gate Drive	35	3750	3.03	2.44	1.95
757-TLP557(F)	TLP557(F)	DIP-8	High-speed, High power transistor direct drive	0.25	2500	2.22	1.80	1.44
757-TLP5702(TPE)	TLP5702(TP,E)	SO-6	Fast-speed, Inverter logic	35	5000	3.03	2.44	1.95
757-TLP592A(F)	TLP592A(F)	DIP-6	Low trigger current, High output current	0.05	2500	1.64	1.32	1.06
757-TLP598GAF	TLP598GAF	DIP-6	Low trigger current	0.02	2500	4.79	2.04	1.98
757-TLP705(TP,F)	TLP705(TP,F)	DIP-6	Low-power IGBT/MOSFET direct drive, High-speed, Low-power	0.45	5000	1.85	1.50	1.20
757-TLP715F	TLP715(F)	DIP-6	Buffer logic	0.003	5000	2.78	2.25	1.80
757-TLP250(F)	TLP250(F)	DIP-8	Medium-power IGBT/MOSFET direct drive, High-speed	1.5	2500	1.60	1.30	1.04
757-TLP251(F)	TLP251(F)	DIP-8	Low-power IGBT/MOSFET direct drive	0.4	2500	1.73	1.40	1.12
757-TLP2531(F)	TLP2531(F)	DIP-8	Dual channel version of 6N135, TLP550	0.016	2500	1.44	1.15	.885
757-TLP2601(F)	TLP2601(F)	DIP-8	High CMR, High-speed	0.005	2500	1.69	1.35	1.04
757-TLP2630(F)	TLP2630(F)	DIP-8	Dual channel version of 6N137, TLP552	0.005	2500	2.04	1.65	1.32
757-TLP2631(F)	TLP2631(F)	DIP-8	High CMR, Dual channel version of TLP554	0.005	2500	2.04	1.65	1.32
757-TLP351(F)	TLP351(F)	DIP-8	Low-power IGBT/MOSFET direct drive	0.005	3750	1.70	1.37	1.10
757-TLP550(F)	TLP550(F)	DIP-8	No internal base connection, High-speed, High CMR	0.016	2500	1.70	1.37	1.10