

Drivers and Power Supplies

RoHS Compliant This product is RoHS compliant.

Opto Drivers

ON SEMICONDUCTOR LED DRIVERS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	On Semiconductor Part No.	Package	Driver Type	Input Voltage (VDC)	Output Voltage (V)	Output Current (mA)	Number of LEDs	Configuration	Price Each		
									1	25	100
698-CAT3224HV3-GT2	CAT3224HV3-GT2	TQFN16	Charge Pump	2.5 - 5.5	-	4000	2	Series/Parallel			
698-CAT3604VHV4-G	CAT3604VHV4-GT2	TQFN16	Charge Pump	2.5 - 5.5	-	120	4	Parallel			
698-CAT3612HV2-GT2	CAT3612HV2-GT2	TDFN12	Charge Pump	3 - 5.5	-	300	2	Parallel			
698-CAT3614HV2-GT2	CAT3614HV2-GT2	TDFN12	Charge Pump	3 - 5.5	-	124	4	Parallel			
698-CAT3616HV4-GT2	CAT3616HV4-GT2	TQFN16	Charge Pump	3 - 5.5	-	186	6	Parallel			
863-CAT3626HV4-GT2	CAT3626HV4-GT2	TQFN16	Charge Pump	3 - 5.5	-	192	6	Parallel			
698-CAT3636HV3-GT2	CAT3636HV3-GT2	TQFN16	Charge Pump	2.5 - 5.5	-	192	6	Parallel			
698-CAT3643HV2-GT2	CAT3643HV2-GT2	TDFN12	Charge Pump	2.5 - 5.5	-	90	3	Parallel			
698-CAT3643HV3-GT2	CAT3643HV3-GT2	TQFN16	Charge Pump	2.5 - 5.5	-	90	3	Parallel			
698-CAT37TDI-GT3	CAT37TDI-GT3	TSOT-23-5	Boost	2 - 5.5	20	25	-	-			
698-CAT4004VP2-GT3	CAT4004VP2-GT3	TDFN8	Linear	2.4 - 5.5	-	100	4	Series			
698-CAT4008V-T1	CAT4008V-T1	SOIC-16	Linear	3 - 5.5	-	800	8	Series			
698-CAT4008W	CAT4008W-T2	SOIC-16	Linear	3 - 5.5	-	800	8	Series			
698-CAT4008Y-T2	CAT4008Y-T2	TSSOP16	Linear	3 - 5.5	-	800	8	Series			
698-CAT4016HV6-GT2	CAT4016HV6-GT2	TQFN24	Linear	3 - 5.5	-	1600	16	Series			
698-CAT4016VS	CAT4016VS-T2	QSOPT 24	Linear	3 - 5.5	-	1600	16	Series			
698-CAT4016W	CAT4016W-T1	SOIC-24	Linear	3 - 5.5	-	1600	16	Series			
698-CAT4016Y	CAT4016Y-T2	TSSOP24	Linear	3 - 5.5	-	1600	16	Series			
698-CAT4101TV-T75	CAT4101TV-T75	TO-263-5	Linear	3 - 5.5	-	1000	8	Series			
863-CAT4104V-GT3	CAT4104V-GT3	SOIC 8	Linear	3 - 5.5	-	700	8	Series/Parallel			
863-CAT4104VP2-GT3	CAT4104VP2-GT3	TDFN8	Linear	3 - 5.5	-	700	8	Series/Parallel			
863-CAT4106HV4-GT2	CAT4106HV4-GT2	TQFN16	Boost	3 - 5.5	40	175	10	Series/Parallel			
863-CAT4106YP-T2	CAT4106YP-T2	TSSOP-16	Boost	3 - 5.5	40	175	10	Series/Parallel			
698-CAT4134HV2-GT2	CAT4134HV2-GT2	TDFN12	Boost	2.8 - 5.5	16	500	3	Series/Parallel			
698-CAT4137TD-GT3	CAT4137TD-GT3	TSOT-23-5	Boost	2.2 - 5.5	24	30	5	Series			
698-CAT4139TD-G	CAT4139TD-GT3	TSOT-23-5	Boost	2.2 - 5.5	24	350	5	Series			
698-CAT4201TD-G	CAT4201TD-GT3	TSOT-23-5	Buck	7 - 36	-	350	7	Series			
698-CAT4237TD-GT3	CAT4237TD-GT3	TSOT-23-5	Boost	2.8 - 5.5	30	100	8	Series			
698-CAT4238TDG	CAT4238TD-GT3	TSOT-23-5	Boost	2 - 5.5	38	100	10	Series			
698-CAT4240TD-G	CAT4240TD-GT3	TSOT-23-5	Boost	2 - 5.5	38	350	10	Series			
863-NCP5005SNT1G	NCP5005SNT1G	SOT-23	Boost	2.7-5.5	24	50	1-5	Series			
863-NCP5007SNT1G	NCP5007SNT1G	SOT-23-5	Boost	2.7-5.5	22	50	1-5	Series			
863-NCP5604AMTR2G	NCP5604AMTR2G	QFN-16	Charge Pump	2.7-5.5	4.8-6.0	100	1-4	Independent			
863-NSI45020AT1G	NSI45020AT1G	SOD-123-2	Charge Pump	2.7-5.5	1.8	501	1-9	Independent			
863-NSI45025AT1G	NSI45025AT1G	SOD-123-2	Charge Pump	2.7-5.5	1.8	502	1-10	Independent			
863-NSI45025AZT1G	NSI45025AZT1G	SOT-223	Charge Pump	2.7-5.5	1.8	503	1-11	Independent			
863-NSI45030AT1G	NSI45030AT1G	SOD-123-2	Charge Pump	2.7-5.5	1.8	504	1-12	Independent			
863-NSI45030AZT1G	NSI45030AZT1G	SOT-223	Charge Pump	2.7-5.5	1.8	505	1-13	Independent			

STMICROELECTRONICS LED DRIVERS

STMicroelectronics offers a large portfolio of compact and efficient LED drivers and solutions, fully addressing the lighting market and featuring all the functions needed to ensure greater power savings.

- ST's LED Drivers (Power Logic) comprise a complete set of state-of-the-art ICs designed for LED driving
- Targeted applications include home audio/video equipment (DVD players, set-top boxes), white goods, industrial display and instrumentation

For quantities of 750 and up, call for quote.

MOUSER STOCK NO.	ST Micro Part No.	Package	LED Type	Driver Type	Input Voltage (VDC) (V)	Output Voltage (V)	Output Current (mA)	Dimming Type	Number of LEDs	Output Efficiency (%)	Configuration	Price Each		
												1	100	500
511-STP16CP05XTTR	STP16CP05XTTR	HTSSOP-24	Universal	Current	0.0-7.0	0.5-20	100	Linear	16	95	Series/Parallel			
511-LED7706	LED7706	VFQFPN	Monolithic	Boost	4.5-36	36	30	Linear	6	95	Series			
511-LED7707	LED7707	VFQFPN	Monolithic	Boost	4.5-36	36	85	Linear	6	95	Series			
511-STCF07PNR	STCF07PNR	QFN-16	White	Buck/Boost	2.7-5.5	0.3-6.0	1000	PWM	1	95	Series			
511-STCS05ADR	STCS05ADR	SO 08	Universal	Current	0.3-45	1.5	500	PWM	1	95	Series			
511-STCS1APHR	STCS1APHR	HSOP 8L	Universal	Current	4.5-40	1.5	500	Linear	1	95	Series			
511-STCS1APUR	STCS1APUR	VDFPN	Universal	Current	4.5-40	1.5	2000	Linear	1	95	Series			
511-STCS1PUR	STCS1PUR	VDFPN	Universal	Current	4.5-40	0.2-5	2000	Linear	1	95	Series			
511-STCS2ASPR	STCS2ASPR	Power SO-10	Universal	Current	4.5-40	0.2-5	2000	Linear	1	95	Series			
511-STP08DP05B1	STP08DP05B1	DIP-16	Universal	Current	3.0-5.5	0.5-20	5-100	Linear	8	95	Series/Parallel			
511-STP08DP05MTR	STP08DP05MTR	SO-16	Universal	Buck/Boost	0.7-3	0.4	5-100	PWM	8	95	Series			
511-STP08DP05XTTR	STP08DP05XTTR	HTSSOP-16	Universal	Buck/Boost	0.7-3	3.3	5-100	Linear	8	95	Series			
511-STP16CP05MTR	STP16CP05MTR	SO 24	Monolithic	Current	3.0-5.5	0.5-20	5-100	Linear	16	95	Series			
511-STP16CP05TTR	STP16CP05TTR	TSSOP-24	Universal	Buck/Boost	3.0-5.5	0.5-20	5-100	Linear	16	95	Series			
511-STP16CPP05MTR	STP16CPP05MTR	SO 24	Universal	Buck/Boost	3.5-5.5	0.5-20	5-100	Linear	16	95	Series			
511-STP16CPC05MTR	STP16CPC05MTR	SO 24	Monolithic	Current	3.0-5.5	0.5-20	5-100	Serial	16	95	Series			
511-STP16CPP05MTR	STP16CPP05MTR	SO-24	Universal	Current	3.0-5.5	0.5-20	3-40	Parrallel	16	95	Series			
511-STP16CPP05TTR	STP16CPP05TTR	TSSOP	Universal	Current	3.0-5.5	0.5-20	3-40	Parrallel	16	95	Series			
511-STP16CPS05MTR	STP16CPS05MTR	SO-24	Universal	Buck/Boost	3.5-5.5	0.5-20	5-100	Linear	16	95	Series			
511-STP16CPS05XTTR	STP16CPS05XTTR	HTSSOP-24	Universal	Buck/Boost	3.0-5.5	0.5-20	5-100	Linear	16	95	Series			
511-STP16DP05MTR	STP16DP05MTR	SO 24	Monolithic	Current	3.0-5.5	0.5-20	5-100	Parrallel	16	95	Series			
511-STP16DP05XTTR	STP16DP05XTTR	HTSSOP 24	Monolithic	Current	0.0-7.0	0.5-20	5-100	Serial	16	95	Series/Parallel			
511-STP16DP05MTR	STP16DP05MTR	SO 24	Monolithic	Current	0.0-7.0	0.5-20	50	Serial	16	95	Series/Parallel			
511-STP16DPS05MTR	STP16DPS05MTR	SO-24	Monolithic	Current	0.4-7.0	0.5-20	5-100	Serial	16	95	Series			
511-STP16DPS05TTR	STP16DPS05TTR	TSSOP-24	Monolithic	Current	0.4-7.0	0.5-20	5-100	Serial	16	95	Series			
511-STP16DPP05MTR	STP16DPP05MTR	SO 24	Monolithic	Current	0.0-7.0	0.5-20	50	Serial	16	95	Series/Parallel			
511-STP24DP05BTR	STP24DP05BTR	TQFP 48	Universal	Buck/Boost	3.0-5.5	0.5-20	5-100	Linear	24	95	Series			

STMICROELECTRONICS DRIVER EVALUATION / DEMONSTRATION BOARDS

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	ST Micro Part No.	Description	Price Each
511-EVL6562A-LED	EVL6562A-LED	Used to evaluate the use of L6562A as a constant current inverse buck LED driver	
511-EVL6563H-100W	EVL6563H-100W	Used to evaluate the use of L6536H (100 Watt Version)	
511-EVL6563H-250W	EVL6563H-250W	Used to evaluate the use of L6536H (250 Watt Version)	
511-STEVAL-ILL020V1	STEVAL-ILL020V1	Demonstration board for the use of LED7706 to supply LED arrays used to backlight LCD panels	
511-STEVAL-ILL021V1	STEVAL-ILL021V1	Demonstration board for the use of LED7707 to supply LED arrays used to backlight LCD panels	