

Drivers and Power Supplies

RoHS Compliant This product is RoHS compliant.



For quantities of 500 and up, call for quote.

EXAR HIGH POWER LED DRIVERS

MOUSER STOCK NO.	Exar Part No.	Package	LED Type	Type	Input Voltage (VDC)	Max Curr. Per Chan. (A)	Dimming Type	Number of LEDs	Output Efficiency (%)	Output Configuration	Price Each		
											1	25	100
701-XRP7603EDB-F	XRP7603EDB-F	HSOICN-8	High Power	Step-down	4.5 - 29V	0.5	PWM & Analog	6	94	Series	2.77	2.09	1.78
701-XRP7604EDB-F	XRP7604EDB-F	HSOICN-8	High Power	Step-down	4.5 - 29V	1	PWM & Analog	6	94	Series	3.47	2.62	2.23
701-SP7600EN2-L/TR	SP7600EN2-L/TR	HSOICN-8	High Power	Step-down	4.5 - 29V	2	PWM & Analog	6	94	Series	5.00	4.40	3.80

INFINEON LED DRIVERS & ACTIVE BIAS CONTROLLER

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	LED Type	Type	Input Voltage (VDC)	Output Voltage (V)	Output Current (mA)	Dimming Type	Number of LEDs	Output Efficiency (%)	Output Configuration	Price Each		
												1	10	100
726-TLE42402M	TLE4240-2M	SCT595-5	Universal	Con. Current	3.0 - 45	15	58	-	-	-	-	1.23	.89	.788
726-TLE4242G	TLE4242G	TO263-7	Universal	Con. Current	4.5 - 42	16	500	PWM	3	-	Series	5.01	3.72	3.45
726-TLE4309G	TLE4309G	TO263-7	Universal	Con. Current	4.5 - 24	40	500	PWM	3	-	Series	3.26	2.35	1.99
726-BCR402RE6327	BCR402RE6327	SOT143-4	Universal	Current	18 Max	Linear	10 - 60	-	-	-	Series	.52	.43	.25
726-BCR402UE6327	BCR402UE6327	SC74-6	Universal	Current	18 Max	Linear	10 - 60	-	-	-	Series	.50	.38	.27
726-BCR405UE6327	BCR405UE6327	SC74-6	Universal	Current	40 Max	Linear	10 - 65	-	-	-	Series	.60	.38	.27
726-BCR401RE6327	BCR401RE6327	SOT143-4	Universal	Current	18 Max	Linear	10 - 60	-	-	-	Series	.43	.32	.21

NXP SEMICONDUCTOR I²C LED DRIVERS

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	NXP Semiconductor Part No.	Package	PWMs	Type	No. of Bits	I ² C Bus (kHz)	Oper. Voltage (VDC)	Max Sink Current by Bit	Price Each		
									1	10	100
771-PCA9530DP-T	PCA9530DP-T	TSSOP8	2 (160 Hz to 1.6 sec)	Dimmer	2	400	2.5-3.5	25	1.16	1.04	.85
771-PCA9532BS118	PCA9532BS118	HVQFN24	2 (160 Hz to 1.6 sec)	Dimmer	16	400	2.5-3.5	25	2.15	1.72	1.29
771-PCA9532D112	PCA9532D112	SO24	2 (160 Hz to 1.6 sec)	Dimmer	16	400	2.5-3.5	25	2.15	1.72	1.29
771-PCA9532PW112	PCA9532PW112	TSSOP24	2 (160 Hz to 1.6 sec)	Dimmer	16	400	2.5-3.5	25	2.15	1.72	1.29
771-PCA9533DP/01-T	PCA9533DP/01-T	TSSOP8	2 (160 Hz to 1.6 sec)	Dimmer	4	400	2.5-3.5	25	1.38	1.10	.83
771-PCA9551D	PCA9551D	SO16	2 (40 Hz to 6.4 sec)	Blinker	8	400	2.5-3.5	25	1.25	1.19	1.08
771-PCA9551PW112	PCA9551PW112	TSSOP16	2 (40 Hz to 6.4 sec)	Blinker	8	400	2.5-3.5	25	1.47	1.33	1.08
771-PCA9552D112	PCA9552D112	SO24	2 (40 Hz to 6.4 sec)	Blinker	16	400	2.5-3.5	25	2.05	1.71	1.36
771-PCA9552PW112	PCA9552PW112	TSSOP24	2 (40 Hz to 6.4 sec)	Blinker	16	400	2.5-3.5	25	2.05	1.71	1.36
771-PCA9553D01112	PCA9553D01112	SO8	2 (40 Hz to 6.4 sec)	Driver	4	400	2.5-3.5	25	1.16	1.04	.85
771-PCA9633D16112	PCA9633D16112	SO16	5 (4x97kHz dim & 1x97kHz dim or 24Hz-10.73sec blink)	Driver	4	1000	2.5-3.5	25	1.37	1.23	.94
771-PCA9633DP1-T	PCA9633DP1-T	TSSOP8	5 (4x97kHz dim & 1x97kHz dim or 24Hz-10.73sec blink)	Driver	4	1000	2.5-3.5	25	1.30	1.04	.82
771-PCA9633PW112	PCA9633PW112	TSSOP16	5 (4x97kHz dim & 1x97kHz dim or 24Hz-10.73sec blink)	Driver	4	1000	2.5-3.5	25	1.37	1.23	.94
771-SAA1064PN	SAA1064PN	DIP24	-----	Driver	4 Digit	-	2.5-3.5	21	1.90	1.60	1.32
771-SAA1064TD	SAA1064TD	SO24	-----	Driver	4 Digit	-	2.5-3.5	21	1.90	1.60	1.32

ON SEMICONDUCTOR LED DRIVERS

For quantities of 750 and up, call for quote.

MOUSER STOCK NO.	ON Semiconductor Part No.	Package	LED Type	Type	Input Voltage (VDC)	Output Voltage (V)	Output Current (mA)	Dimming Type	Number of LEDs	Output Efficiency (%)	Output Configuration	Price Each		
												1	100	500
863-NCP5005SNT1G	NCP5005SNT1G	SOT-23	White	Boost	2.7 - 5.5	24	50	PWM	1 - 5	> 90	Series	.78	.60	.531
863-NCP5007SNT1G	NCP5007SNT1G	SOT-23-5	White	Boost	2.7 - 5.5	22	50	PWM	1 - 5	-	Series	.78	.60	.531
863-NCP5604AMTR2G	NCP5604AMTR2G	QFN-16	White	Charge Pump	2.7 - 5.5	4.8 - 6.0	100	PWM	1 - 4	> 85	Independent	1.27	.98	.85
863-NCP5608MTR2G	NCP5608MTR2G	QFN-24	Universal	Charge Pump	2.7 - 5.5	4.8 - 5.5	500	PWM	1 - 8	-	Independent	1.77	1.35	1.19

STMICROELECTRONICS LED DRIVERS

For quantities of 750 and up, call for quote.

MOUSER STOCK NO.	ST Micro Part No.	Package	LED Type	Type	Input Voltage (VDC)	Output Voltage (V)	Output Current (mA)	Dimming Type	Number of LEDs	Output Efficiency (%)	Output Configuration	Price Each		
												1	100	500
511-STP16CP05XTTR	STP16CP05XTTR	HTSSOP-24	Universal	Buck/Boost	3.0-5.5	-0.5-20	100	Linear	1	95	Series	2.66	1.96	1.36
511-STP16CPS05XTTR	STP16CPS05XTTR	HTSSOP-24	Universal	Buck/Boost	3.0-5.5	20	100	Linear	1	95	Series	2.74	1.98	1.46
511-STP16CPS05MTR	STP16CPS05MTR	SO-24	Universal	Buck/Boost	3.5-5.5	-0.5-20	100	Linear	1	95	Series	2.78	1.97	1.49
511-STP16CP05TTR	STP16CP05TTR	TSSOP-24	Universal	Buck/Boost	3.0-5.5	-0.5-20	100	Linear	1	95	Series	2.53	1.86	1.29
511-STP08DP05MTR	STP08DP05MTR	SO-16	Universal	Buck/Boost	.7-3	0.4	5-100	PWM	1	95	Series	1.64	1.18	.934
511-STP08DP05XTTR	STP08DP05XTTR	HTSSOP-16	Universal	Buck/Boost	.7-3	3.3	5-100	Linear	1	95	Series	2.06	1.40	1.04
511-STCS2SPR	STCS2SPR	Power SO-10	White	Current	40	0.2-5	2000	Linear	3	95	Series	3.70	2.28	1.72
511-STP08DP05B1	STP08DP05B1	DIP-16	Universal	Linear	3.0 - 5.5	0.5 - 20	5 - 100	-	25	-	Series/Parallel	1.64	1.18	.934

SUPERTEX HIGH VOLTAGE LED DRIVERS



For quantities of 750 and up, call for quote.

MOUSER STOCK NO.	Supertex Part No.	Package	LED Type	Type	Input Voltage (V)	Output Voltage (V)	Output Current (mA)	Dimming Type	Number of LEDs	Output Efficiency (%)	Output Configuration	Price Each		
												1	100	500
689-HV9903K6-G	HV9903K6-G	MLP-6	White	Boost	1.8 - 12.5	< 35	5 - 40	PWM/Linear	1 - 8	> 90	Series	1.06	.88	.82
689-HV9910BLG-G	HV9910BLG-G	SOIC-8	Universal	Switching	9-250	Ext FET	Ext FET	PWM/Linear	Multiple	> 90	Series	1.35	.99	.95
689-HV9911NG-G	HV9911NG-G	SOIC-16	Universal	Switching	9 - 250	Ext FET	Ext FET	PWM/Linear	Multiple	> 90	Series	1.58	1.31	1.21
689-HV9919K7-G	HV9919K7-G	8 Lead DFN	White	Boost	4.5 to 40VDC	< 35	45-18	PWM/Linear	1-8	> 90	Series	.76	.68	.526
689-HV9921N3-G	HV9921N3-G	TO-92	Universal	Buck	20 - 400	12 - 80	20	N/A	4 - 20	> 80	Series	.78	.65	.60
689-HV9921N8-G	HV9921N8-G	SOT-89	Universal	Buck	20 - 400	12 - 80	20	N/A	4 - 20	> 80	Series	.82	.68	.63
689-HV9923N3-G	HV9923N3-G	TO-92	Universal	Buck	20 - 400	12 - 80	30	N/A	4 - 20	> 80	Series	.80	.66	.61
689-HV9923N8-G	HV9923N8-G	SOT-89	Universal	Buck	20 - 400	12 - 80	30	N/A	4 - 20	> 80	Series	.84	.70	.64
689-HV9922N3-G	HV9922N3-G	TO-92	Universal	Buck	20 - 400	12 - 80	50	N/A	4 - 20	> 80	Series	.84	.70	.64
689-HV9922N8-G	HV9922N8-G	SOT-89	Universal	Buck	20 - 400	12 - 80	50	N/A	4 - 20	> 80	Series	.87	.73	.67
689-HV9925SG-G	HV9925SG-G	SOIC-8	Universal	Buck	20 - 400	12 - 80	20 - 50	PWM/Linear	4 - 20	> 80	Series	1.22	1.01	.93
689-HV9930LG-G	HV9930LG-G	SOIC-8	Universal	Boost/Buck	8 - 200	Configurable	Ext FET	PWM	Configurable	> 80	Series	1.24	1.03	.95
689-HV9931LG-G	HV9931LG-G	SOIC-8	Universal	Boost/Buck	8 - 200	Configurable	Ext FET	PWM	Configurable	> 80	Series	1.24	1.03	.95
689-HV9912NG-G	HV9912NG-G	SOIC-16	Universal	Switching	9 - 90	Ext FET	Ext FET	PWM/Linear	< 50	> 90	Series	1.66	1.50	1.33
689-HV9918K7-G	HV9918K7-G	SOIC-8	Universal	Boost/Buck	8-200	Configurable	Ext FET	PWM	Configurable	> 80	Series	1.20	.98	.832
689-HV9961LG-G	HV9961LG-G	SOIC-16	Universal	Boost/Buck	8-200	Configurable	Ext FET	PWM	Configurable	> 80	Series	2.24	1.68	1.61
689-HV9980WG-G	HV9980WG-G	SO-24	Universal	3 Ch - Buck	100 - 160	Vin/3	70	PWM/Linear	< 20	> 85	Series	3.08	1.88	1.59
689-CL2K4-G	CL2K4-G	TO-252-3	Universal	Linear	5 - 90	90	20	N/A	1 - 30	> 90	Series/Parallel	.70	.58	.54
689-CL2N3-G	CL2N3-G	TO-92	Universal	Linear	5 - 90	90	20	N/A	1 - 30	> 90	Series/Parallel	.44	.36	.34
689-CL2N8-G	CL2N8-G	SOT-89	Universal	Linear	5 - 90	90	20	N/A	1 - 30	> 90	Series/Parallel	.49	.41	.38
689-CL6K4-G	CL6K4-G	TO-252	Universal	Linear	4 - 90	90	100	N/A	1 - 30	> 90	Series/Parallel	1.52	1.26	1.17
689-CL6N5-G	CL6N5-G	TO-220	Universal	Linear	4 - 90	90	100	N/A	1 - 30	> 90	Series/Parallel	1.62	1.34	1.24
689-CL7SG-G	CL7SG-G	SOIC-8	Universal	Linear	4 - 90	90	100	PWM	1 - 30	> 90	Series/Parallel	1.82	1.52	1.40