

Drivers and Power Supplies

RoHS Compliant This product is RoHS compliant.

Opto Drivers

CIRRUS LOGIC LED LIGHTING DRIVERS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Cirrus Part No.	Package	LED Type	Driver Type	Input Volt. (VDC)	Output Volt. (V)	Output Current (mA)	Dimming Type	Number of LEDs	Output Efficiency (%)	Configuration	Price Each		
												1	25	50
777-CS1631-FSZ	CS1631-FSZ	SOICN-16	Universal	Boost/Buck	4.5 - 29V	200	5	PWM/Linear	-	> 85	Series/Parallel	2.25	2.19	2.13
777-CS1630-FSZ	CS1630-FSZ	SOICN-16	Universal	Boost/Buck	218-242	200	5	PWM/Linear	-	> 85	Series/Parallel	2.25	2.19	2.13

EXAR HIGH POWER LED DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Exar Part No.	Package	LED Type	Driver Type	Input Volt. (VDC)	Output Volt. (V)	Output Current (mA)	Dimming Type	Number of LEDs	Output Efficiency (%)	Configuration	Price Each		
												1	25	100
701-XRP7603EDB-F	XRP7603EDB-F	HSOICN-8	High Power	Step-down	4.5 - 29V	Adj	500	PWM & Analog	6	94	Series	2.31	1.82	1.55
701-XRP7604EDB-F	XRP7604EDB-F	HSOICN-8	High Power	Step-down	4.5 - 29V	Adj	1A	PWM & Analog	6	94	Series	2.81	2.23	1.89
701-SP7600EN2-L/TR	SP7600EN2-L/TR	HSOICN-8	High Power	Step-down	4.5 - 29V	Adj	2A	PWM & Analog	6	94	Series	2.47	2.17	1.88

EXAR LED DRIVERS



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MOUSER STOCK NO.	Exar Part No.	Package	LED Type	Driver Type	Input Volt. (VDC)	Output Volt. (V)	Output Current (mA)	Dimming Type	Number of LEDs	Output Efficiency (%)	Configuration	Price Each		
												1	25	100
701-XRP6840AIBL-F	XRP6840AIBL-F	TQFN-20	Flash	Charge Pump	2.7 - 5.5	5.3	1450	-	3	90+	Parallel	2.18	1.92	1.80
701-XRP6840BILB-F	XRP6840BILB-F	TQFN-20	Flash	Charge Pump	2.7 - 5.5	5.3	1450	-	2	90+	Parallel	2.18	1.92	1.80
701-SP7121EK-L	SP7121EK-L	SOT-23	Universal	Linear	2.7 - 5.5	-	25	PWM	2	-	Parallel	.63	.477	.405
701-XRP7620IH-F	XRP7620IH-F	DFN-8	Universal	Current Driver	2.7 - 5.5	-	31	-	4	-	Parallel	1.98	1.56	1.33
701-XRP7618IGBTR-F	XRP7618IGBTR-F	TSSOP-20	Universal	Current Driver	4.2 - 5.5	30	100 p/ch	PWM, analog	8	-	Parallel	2.25	1.77	1.50
Description														
701-XRP7618EVB	XRP7618EVB	XRP7618 8-Channel Evaluation Board										33.30	-	-

FAIRCHILD LED DRIVERS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	LED Type	Driver Type	Input Volt. (VDC)	Output Volt. (V)	Output Current (mA)	Dimming Type	Number of LEDs	Output Efficiency (%)	Configuration	Price Each		
												1	25	100
512-FAN5646S700X	FAN5646S700X	SC70-5	Universal	Blinker	2.7 - 5	-	20	Digital	1	-	-	1.06	.816	.72
512-FAN5646S701X	FAN5646S701X	SC70-5	Universal	Blinker	2.7 - 5	-	20	Digital	1	-	-	1.06	.816	.72
512-FAN5646UC00X	FAN5646UC00X	WL-CSP	Universal	Blinker	2.7 - 5	-	20	Digital	1	-	-	1.06	.816	.72
512-FAN5646UC01X	FAN5646UC01X	WL-CSP	Universal	Blinker	2.7 - 5	-	20	Digital	1	-	-	1.06	.816	.72
512-FAN102MY	FAN102MY	SOP-8	Universal	Linear	-0.3 to 7.0	-	5	PSR, PWM	1	75	-	.98	.771	.693
512-FAN5341UMPX	FAN5341UMPX	UMLP-6	Universal	Boost	2.7 to 5.5	-0.3 - 22	25	Digital	4	-	Series	1.34	1.15	.921
512-FAN5701UMP15X	FAN5701UMP15X	UMLP-16	Universal	Charge Pump	2.7 to 5.5	-	15	PWM	6	92	-	1.46	1.25	1.00
512-FAN5701UMP30X	FAN5701UMP30X	UMLP-16	Universal	Charge Pump	2.7 to 5.5	-	30	PWM	6	92	-	1.46	1.25	1.00
512-FAN5702UMP08X	FAN5702UMP08X	UMLP-16	Universal	Charge Pump	2.7 to 5.5	-	180	Digital	6	92	-	2.01	1.73	1.38

FREESCALE LED BACKLIGHT DRIVERS WITH INTEGRATED POWER SUPPLY

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Freescale Part No.	Package	LED Type	Driver Type	Input Voltage (VDC)	Output Voltage (V)	Output Current (mA)	Dimming Type	Number of LEDs	Output Efficiency (%)	Configuration	Price Each		
												1	25	100
841-MC34844EP	MC34844EP	QFN-EP 32	White	Boost	7 - 28	60	3 A	PWM	160	90	Parallel	3.57	3.22	2.69

INFINEON LED DRIVERS AND ACTIVE BIAS CONTROLLERS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Infineon Part No.	Package	LED Type	Driver Type	Input Voltage (VDC)	Output Voltage (V)	Output Current (mA)	Dimming Type	Configuration	Price Each		
										1	10	100
726-BCR205WH6327	BCR205WH6327	SOT-343	Universal	Current	1.8-18	Linear	5-80	-	Series	.59	.471	.353
726-BCR320UE6327	BCR320UE6327XT	SC-74-6	Universal	Linear	4.5 - 25	16	300	-	-	.72	.62	.489
726-BCR321UE6327	BCR321UE6327XT	SC-74-6	Universal	Linear	4.5 - 25	16	300	PWM	-	.40	.394	.38
726-BCR401RE6327	BCR401RE6327	SOT-143-4	Universal	Current	18 Max	Linear	10 - 60	-	Series	.57	.447	.309
726-BCR402UE6327	BCR402UE6327	SC-74-6	Universal	Current	18 Max	Linear	10 - 60	-	Series	.57	.449	.343
726-BCR405UE6327	BCR405UE6327	SC-74-6	Universal	Current	40 Max	Linear	10 - 65	-	Series	.71	.548	.388
726-BCR420UE6327	BCR420UE6327XT	SC-74-6	Universal	Linear	4.5 - 40	38	200	-	Parallel	.40	.394	.38
726-BCR421UE6327	BCR421UE6327XT	SC-74-6	Universal	Linear	4.5 - 40	38	200	PWM	Parallel	.40	.394	.38
726-ILD4001E6327XT	ILD4001E6327XT	SC-74-6	Universal	Buck	40 Max	200	200	PWM, Analog	-	1.30	1.20	.95
726-ILD4035E6327XT	ILD4035E6327XT	SC-74-6	Universal	Buck	4.5 - 42	-	500	PWM, Analog	-	1.30	1.20	.95
726-ILD4120E6327XT	ILD4120E6327XT	DSO-8-27	Universal	Buck	40 Max	-	-	PWM, Analog	-	2.45	2.12	1.78
726-TLE42402M	TLE4240-2M	SCT-595-5	Universal	Con. Current	3.0 - 45	15	58	-	-	1.41	1.26	1.00

INFINEON OFF-LINE LED DRIVERS



Non-dimming, fixed frequency applications. Ideal for integration into standard screw-in sockets and LED Luminaries

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MOUSER STOCK NO.	Infineon Part No.	Package	Mode	V _{CC} (V)	V _{DS} (V)	R _{DS(ON)} (Ω)	Switching Freq. (kHz)	Duty Cycle (%)	Nominal Power @ 90VAC _{IN} (W)	Price Each		
										1	10	100
726-ICLS6021J	ICLS6021JXX	PDIP-8	Current Mode	-0.3-27	650	6.45	67	75	5	1.71	1.39	1.24
726-ICLS6022G	ICLS6022GXT	DSO-12	Current Mode	-0.3-27	650	4.7	67	75	9	2.17	1.78	1.58
726-ICLS6022J	ICLS6022JXX	PDIP-8	Current Mode	-0.3-27	650	4.7	67	75	9	1.85	1.52	1.35
726-ICLS6023J	ICLS6023JXX	PDIP-8	Current Mode	-0.3-27	650	1.7	67	75	15	2.50	2.04	1.81
726-ICLS8023Z	ICLS8023ZXX	PDIP-7	Current Mode	-0.3-27	800	2.26	67	75	12	2.86	2.57	2.29

NXP SEMICONDUCTOR LED DRIVERS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	NXP Part No.	Package	LED Type	Input Volt. (VDC)	Output Volt. (V)	Output Current (mA)	Dimming Type	No. of LEDs	Output Efficiency (%)	Configuration	Price Each		
											1	25	100
771-SAA1064PN	SAA1064/N2,112	DIP-24	-	2.5	3.5	-	-	-	-	-	1.63	1.48	1.40
771-SAA1064TD	SAA1064T/N2,112	SO-24	-	2.5	3.5	-	-	-	-	-	1.63	1.48	1.40
771-PCA9955TW,118	PCA9955TW	HTSSOP-28	RGBA	3.0 - 5.5	-	62	PWM	16	-	Series	3.22	2.59	2.36
771-PCA9952TW,118	PCA9952TW	HTSSOP-28	RGBA	3.0 - 5.5	-	62	PWM	16	-	Series	2.87	2.59	2.36
771-PCA9626BS,518	PCA9626BS,518	HVQFN-48	Universal	2.3 - 5.5	40	100	PWM	24	-	Series/Parallel	4.76	3.82	3.48
771-PCA9624PW,118	PCA9624PW,118	TSSOP-24	Universal	2.3 - 5.5	40	100	PWM	8	-	Series/Parallel	1.60	1.43	1.11
771-PCA9622DR,118	PCA9622DR,118	TSSOP-32	Universal	2.3 - 5.5	40	100	PWM	16	-	Series/Parallel	2.43	1.96	1.63
771-PCA9922PW,118	PCA9922PW,118	TSSOP-16	Universal	2.3 - 5.5	40	Adj.	-	8	-	Series/Parallel	.63	.578	.545
* 771-SSL3250AHN/C1518	SSL3250AHN/C1,528	HVQFN-16	White	2.7 - 5.5	9.5	Adj.	Current Regulated SMPS	1	85	Series	.83	.76	.716

* Single or Dual photo flash LED driver, stand alone or I2C interface

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