

NATIONAL PRODUCTS Power Management ICs

National Products
from Texas Instruments

RoHS Compliant This product is RoHS compliant.

LCD DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	National Products Part No.	Package	Segments	Sink Current Per Digit (mA)	Source Current Per Digit (mA)	Supply Voltage	Operating Temp. Range	Price Each		
								1	25	100
926-MM5483N/NOPB	MM5483N/NOPB	MDIP-40	31	0.02	0.02	10	-40 to +85	6.78	5.44	4.96
926-MM5452N/NOPB	MM5452N/NOPB	DIP-40	32	0.02	0.02	10	-40 to +85	6.58	5.28	4.81
926-MM5452V/NOPB	MM5452V/NOPB	PLCC-44	32	0.02	0.02	10	-40 to +85	6.66	5.35	4.87
926-MM5453N/NOPB	MM5453N/NOPB	DIP-40	33	0.02	0.02	10	-40 to +85	5.88	4.72	4.30
926-MM5453V/NOPB	MM5453V/NOPB	PLCC-44	33	0.02	0.02	10	-40 to +85	5.88	4.72	4.30
926-MM145453V/NOPB	MM145453V/NOPB	PLCC-44	33	-0.04	0.04	10	-40 to +85	6.27	5.04	4.59

LED DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	National Products Part No.	Package	LED Type	Driver Type	Input Voltage (Min/Max)	Output Voltage (Max)	Dimming Type	Number of LEDs	Configuration	Price Each		
										1	25	100
Boost Backlight												
926-LM2703MF-ADJ/NOPB	LM2703MF-ADJ/NOPB	SOT-23-5	White	Boost	2.2/7	20	PWM	4	Series	2.23	1.72	1.56
926-LM2704MF-ADJ/NOPB	LM2704MF-ADJ/NOPB	SOT-23-5	White	Boost	2.2/7	20	----	4	Series	2.32	1.79	1.62
High Brightness												
926-LM3401MM/NOPB	LM3401MM/NOPB	MiniSOIC-8	Universal	Buck	4.5/35	Undefined	PWM	Multiple	Series	2.45	1.89	1.71
926-LM3402MM/NOPB	LM3402MM/NOPB	MiniSOIC-8	Universal	Buck	6/42	Undefined	PWM	Multiple	Series/Parallel	3.33	2.56	2.32
926-LM3404HVMA/NOPB	LM3404HVMA/NOPB	SOIC-8	Universal	Buck	6/75	Undefined	PWM	Multiple	Series/Parallel	3.89	3.12	2.84
926-LM3404HVMR/NOPB	LM3404HVMR/NOPB	SOP-8	Universal	Buck	6/75	Undefined	PWM	Multiple	Series/Parallel	3.89	3.12	2.84
926-LM3404MA/NOPB	LM3404MA/NOPB	SOIC-8	Universal	Buck	6/75	Undefined	PWM	Multiple	Series/Parallel	3.28	2.63	2.39
926-LM3404MR/NOPB	LM3404MR/NOPB	SOP-8	Universal	Buck	6/42	Undefined	PWM	Multiple	Series/Parallel	3.28	2.63	2.39
926-LM3404HVMRX/NOPB	LM3404HVMRX/NOPB	PSOP-8	Universal	Buck	6/75	Undefined	PWM	1	Series/Parallel	4.46	3.64	3.27
926-LM3405XMK/NOPB	LM3405XMK/NOPB	TSSOT-6	Universal	Buck	3/15	13.5	----	1	Series	2.98	2.29	2.08
926-LM3406HVMH/NOPB	LM3406HVMH/NOPB	TSSOP-14	Universal	Buck	6/75	Undefined	PWM, 2-Wire	Multiple	Series	4.20	3.37	3.07
926-LM3406MH/NOPB	LM3406MH/NOPB	TSSOP-14	Universal	Buck	6/42	Undefined	PWM, 2-Wire	Multiple	Series	3.95	3.17	2.89
926-LM3407MY/NOPB	LM3407MY/NOPB	MiniSOIC-8	Universal	Buck	4.5/30	Undefined	PWM	1-7	Series	2.28	1.75	1.59
926-LM3409HVMY/NOPB	LM3409HVMY/NOPB	MiniSOIC-10	Universal	Buck	6/75	Undefined	PWM, Analog	Multiple	Series	3.90	3.18	2.86
926-LM3409MY/NOPB	LM3409MY/NOPB	MiniSOIC-10	Universal	Buck	6/42	Undefined	PWM, Analog	Multiple	Series	3.30	2.69	2.42
926-LM3414HVMR/NOPB	LM3414HVMR/NOPB	SOP-8	Universal	Buck	4.5/65	Undefined	PWM, Analog	Multiple	Series	3.50	2.81	2.56
926-LM3414MR/NOPB	LM3414MR/NOPB	SOP-8	Universal	Buck	4.5/42	Undefined	PWM, Analog	Multiple	Series	3.08	2.47	2.25
926-LM3429MH/NOPB	LM3429MH/NOPB	TSSOP-14	Universal	Boost/Buck/Sepic	4.5/75	Undefined	PWM, Analog	Multiple	Series	3.42	2.74	2.50
926-LM3433SQ/NOPB	LM3433SQ/NOPB	LLP-24	Universal	Buck	9/14	Undefined	PWM, Analog	Multiple	Series	6.54	5.34	4.79
926-LM3445MM/NOPB	LM3445MM/NOPB	MiniSOIC-10	Universal	Buck	85/305	----	Fwd Ph Triac	Multiple	Series	3.78	3.08	2.77
926-TPS92550TZ/NOPB	TPS92550TZ/NOPB	TO-PMOD-7	Inductive	Constant	4.5/36	36	PWM	1	Series	10.58	8.67	7.81
926-TPS92551TZ/NOPB	TPS92551TZ/NOPB	TO-PMOD-7	Inductive	Constant	4.5/60	60	PWM	1	Series	11.65	9.55	8.62
Lighting Management Units (LMU)												
926-LP3943ISQ/NOPB	LP3943ISQ/NOPB	LLP-24	RGB/White/Blue	Boost	2.3/5.5	Undefined	PWM	16	Parallel	2.93	2.25	2.04
926-LP5521TM/NOPB	LP5521TM/NOPB	MicroSMD	Universal	Charge Pump	2.7/5.5	4.5	PWM	3	Parallel	2.84	2.18	1.98
926-LP5521YQ/NOPB	LP5521YQ/NOPB	LLP-24	Universal	Charge Pump	2.7/5.5	4.5	PWM	3	Parallel	2.84	2.18	1.98
926-LP5524TM-5/NOPB	LP5524TM-5/NOPB	MicroSMD	Universal	High Side	2.7/5.5	----	PWM	4	Parallel	2.17	1.67	1.51
Phase Dimmable												
926-LM3447MT/NOPB	LM3447MT/NOPB	SOIC-14	Inductive	Constant	7.5/17.5	19	PWM, Analog	1	Series/Parallel	3.45	2.81	2.53
Programmable												
926-LM3448MA/NOPB	LM3448MA/NOPB	SOIC-16	Universal	Buck	2/2.85	12	PWM, Analog	7	Parallel	3.03	2.53	2.28
926-LM3466MR/NOPB	LM3466MR/NOPB	PSOP-8	Universal	Linear	6/70	Undefined	----	20	Parallel	2.25	1.84	1.66
926-LM3444MA/NOPB	LM3444MA/NOPB	SOIC-8	Universal	Buck	80/277	13	PWM	7	Parallel	1.77	1.49	1.30
926-LP5523TM/NOPB	LP5523TM/NOPB	MicroSMD	Universal	Charge Pump	----	----	PWM	9	Parallel	3.01	2.32	2.10
Standard Display												
926-LM3914N-1	LM3914N-1	PLCC-20	Universal	Linear	1.2/12	1.34	Analog	10	Series	2.42	1.87	1.69
926-LM3914N-1/NOPB	LM3914N-1/NOPB	DIP-18	Universal	Linear	3/15	1.34	----	10	Parallel	2.15	1.73	1.56
926-LM3914V/NOPB	LM3914V/NOPB	PLCC-20	Universal	Linear	3/15	1.34	----	10	Parallel	4.31	3.46	3.15
926-LM3914VX/NOPB	LM3914VX/NOPB	PLCC-20	Universal	Linear	3/15	1.34	----	10	Parallel	4.62	3.77	3.38
926-LM3915N-1/NOPB	LM3915N-1/NOPB	DIP-18	Universal	Linear	3/25	1.34	----	10	Parallel	2.85	2.30	2.07
926-LM3916N-1/NOPB	LM3916N-1/NOPB	DIP-18	Universal	Linear	3/25	1.34	----	10	Parallel	2.64	2.12	1.91
926-LM3414HVMRX/NOPB	LM3414HVMRX/NOPB	PSOP-8	Universal	Buck	4.5/42	6	PWM	12	Series	4.48	3.60	3.28
926-LM3406HVMHX/NOPB	LM3406HVMHX/NOPB	TSSOP-14	White	Buck	6/75	19.7	PWM	5	Series	5.25	4.05	3.67
926-LM3404HVMAX/NOPB	LM3404HVMAX/NOPB	SOIC-8	White	Buck	6/75	73	PWM	10	Parallel	4.17	3.40	3.05
Evaluation Boards												
926-M3433SQ36AEV/NOPB	LM3433SQ36AEV/NOPB	Description								Price Each		
926-LM3447A19120VEVM	LM3447A19120VEVM	Evaluation board for the LM3433 10A to 40A LED Driver								212.50		
926-LM3450EV120V15WN	LM3450EV120V15WN/NOPB	Evaluation board for the LM3447 PFC Flyback Controller								132.00		
		Evaluation board for the LM3450 120 VAC 15W Flyback LED Driver								101.75		

MOSFETS DRIVERS

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MOUSER STOCK NO.	National Products Part No.	Package	No. of Outputs	Input Control	V _{CC} (Min.)	V _{CC} (Max.)	Quiescent Current (mA)	Rise Time (ns)	Fall Time (ns)	Prop Delay (ns)	Price Each		
											1	25	100
Boost Backlight													
926-LM9061M/NOPB	LM9061M/NOPB	SOIC-8	1	----	7	26	5	-	-	-	2.08	1.67	1.50
926-LM5112MYX/NOPB	LM5112MYX/NOPB	MSOP-8	1	----	3.5	14	1	14	12	25	1.13	.838	.566
926-LM5112Q1SD/NOPB	LM5112Q1SD/NOPB	LLP-6	1	Other topologies, Forward, Push-Pull	3.5	14	1	14	12	25	1.76	1.35	1.23
926-LM5112SD/NOPB	LM5112SD/NOPB	LLP-6	1	Other topologies, Forward, Push-Pull	3.5	14	1	14	12	25	1.77	1.39	1.25
926-LM5100AM/NOPB	LM5100AM/NOPB	SOIC-8	2	Dual, independent	7.5	14	0.2	10	10	25	3.58	2.88	2.62
926-LM5100AMR/NOPB	LM5100AMR/NOPB	SOP-8	2	Dual, independent	7.5	14	0.2	10	10	25	3.58	2.88	2.62
926-LM5113SDE/NOPB	LM5113SDE/NOPB	LLP-10	2	Half-Bridge, Synchronous Buck	5.2	14	0.1	7	1.5	45	4.43	3.62	3.25
926-LM5101AMX/NOPB	LM5101AMX/NOPB	LLP-10	2	Bridge, Synchronous Buck	9	14	0.2	430	260	4	4.56	3.72	3.34
926-LM5107MAX/NOPB	LM5107MAX/NOPB	SOIC-8	2	Bridge, Synchronous Buck	8	14	0.2	15	15	15	2.47	1.99	1.79
926-LM5109BMAX/NOPB	LM5109BMAX/NOPB	SOIC-8	2	Bridge, Synchronous Buck	8	14	0.1	15	15	2	1.84	1.45	1.30
926-LM5113SD/NOPB	LM5113SD/NOPB	LLP-10	2	Bridge, Synchronous Buck	4.5	5.5	0.1	7	1.5	45	4.43	3.62	3.25
926-LM5101AM/NOPB	LM5101AM/NOPB	SOIC-8	2	Bridge, Synchronous Buck	7.5	14	0.2	10	10	25	3.47	2.79	2.54
926-LM5101AMR/NOPB	LM5101AMR/NOPB	SOP-8	2	Bridge, Synchronous Buck	7.5	14	0.2	10	10	25	3.47	2.79	2.54
926-LM5101ASD/NOPB	LM5101ASD/NOPB	LLP-10	2	Bridge, Synchronous Buck	7.5	14	0.2	10	10	25	3.72	3.03	2.72
926-LM5101BMA/NOPB	LM5101BMA/NOPB	SOIC-8	2	Bridge, Synchronous Buck	7.5	14	0.2	10	10	25	3.25	2.61	2.37
926-LM5101CMA/NOPB	LM5101CMA/NOPB	SOIC-8	2	Bridge, Synchronous Buck	7.5	14	0.2	10	10	25	2.98	2.40	2.16
926-LM5101CMYE/NOPB	LM5101CMYE/NOPB	MiniSOIC-8	2	Bridge, Synchronous Buck	7.5	14	0.2	10	10	25	3.36	2.59	2.35
926-LM5102SD/NOPB	LM5102SD/NOPB	LLP-10	2	Bridge, Synchronous Buck	7.5	14	0.4	10	10	25	3.15	2.58	2.31
926-LM5104M/NOPB	LM5104M/NOPB	SOIC-8	2	Bridge, Synchronous Buck	7.5	14	0.4	10	10	35	3.19	2.56	2.33
926-LM5104SD/NOPB	LM5104SD/NOPB	LLP-10	2	Bridge, Synchronous Buck	7.5	14	0.4	10	10	35	3.42	2.79	2.50
926-LM5105SD/NOPB	LM5105SD/NOPB	LLP-10	2	Bridge, Synchronous Buck	7.5	14	0.4	10	10	35	3.19	2.46	2.23
926-LM5106MM/NOPB	LM5106MM/NOPB	MiniSOIC-10	2	Bridge, Synchronous Buck	7.6	14	0.34	15	10	32	2.26	1.74	1.58
926-LM5106SD/NOPB	LM5106SD/NOPB	SOIC-8	2	Bridge, Synchronous Buck	7.6	14	0.34	15	10	32	2.26	1.74	1.58
926-LM5107MA/NOPB	LM5107MA/NOPB	SOIC-8	2	Bridge, Synchronous Buck	7.5	14	0.3	15	15	25	2.47	1.99	1.79
926-LM5109AMA/NOPB	LM5109AMA/NOPB	SOIC-8	2	Bridge, Synchronous Buck	7.5	14	0.2	15	15	25	.80	.76	.725
926-LM5109ASD/NOPB	LM5109ASD/NOPB	LLP-8	2	Bridge, Synchronous Buck	7.5	14	0.2	15	15	25	1.83	1.40	1.27
926-LM5109BMA/NOPB	LM5109BMA/NOPB	SOIC-8	2	Bridge, Synchronous Buck	7.5	14	0.2	15	15	25	1.70	1.35	1.18
926-LM5110-1M/NOPB	LM5110-1M/NOPB	SOIC-8	2	Other topologies, Forward, Push-Pull	3.5	14	1	15	15	25	1.81	1.46	1.31
926-LM5110-1SD/NOPB	LM5110-1SD/NOPB	LLP-10	2	Other topologies, Forward, Push-Pull	3.5	14	1	15	15	25	2.05	1.57	1.43
926-LM5110-2M/NOPB	LM5110-2M/NOPB	SOIC-8	2										