

NATIONAL PRODUCTS Analog ICs

National Products
from Texas Instruments

RoHS Compliant This product is RoHS compliant.

MOTOR CONTROL DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	National Products Part No.	Package Style	Output Current (A)	Channels	V _S (V)		rDS(on) (Typ.) (Ω)	Function	I _q (Max.) (mA)	Operating Temp. (°C)	Price Each		
					Min.	Max.					1	25	100
926-LMD18200T/NOPB	LMD18200T/NOPB	TO-220	3	2	12	55	0.33	H-Bridge Driver	25	-40 to 125	17.78	14.94	13.73
926-LMD18201T/NOPB	LMD18201T/NOPB	TO-220	3	2	12	55	0.33	H-Bridge Driver	25	-40 to 125	16.94	14.24	13.09
926-LMD18245T/NOPB	LMD18245T/NOPB	TO-220	3	2	12	55	0.3	Full Bridge Driver	15	-40 to 125	20.09	16.90	15.50
926-LMD18400N/NOPB	LMD18400N/NOPB	DIP-20	6	4	7	28	0.8	Quad High-Side Driver	-----	-25 to 85	12.25	10.30	9.46

POWER DRIVERS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	National Products Part No.	Package Style	No. of Drivers	Propagation Delay (ns)	Peak Current (mA)	Latch-up Voltage (V)	Supply On-Current (mA)	Output Voltage (V)		Output Current Low (mA)	Operating Temp. (°C)	Price Each		
								Low	High			1	25	100
926-DS3658N/NOPB	DS3658N/NOPB	DIP-16	4	2430	600	35	65	0.7	70	600	0 to 70	4.14	3.33	3.03
926-DS3668N/NOPB	DS3668N/NOPB	DIP-16	4	2000	600	35	80	1.5	70	600	-40 to 125	4.06	3.26	2.97
926-DS2003CM/NOPB	DS2003CM/NOPB	SOIC-16	7	5000	50	-----	-----	1.6	50	350	-40 to 125	1.38	1.10	.962
926-DS2003CMX/NOPB	DS2003CMX/NOPB	SOIC-16	7	5000	50	-----	-----	1.6	50	350	-40 to 125	1.49	1.17	1.06

ULTRA RELIABLE POWER TRANSISTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	National Products Part No.	Package Style	V _{CEO} (Max.) (V)	V _{BEO} (Max.) (V)	V _{CEO(SAT)} (Max.) (V)	Output Current (mA)	Base Current (A)	Switching Time (Typ.) (μs)	Operating Temp. (°C)	Price Each		
										1	25	100
926-LP395Z/NOPB	LP395Z/NOPB	TO-92	36	0.9	2	0.1	0.5	2	-40 to 125	1.76	1.42	1.27
926-LM395T/NOPB	LM395T/NOPB	TO-220	36	0.79	2	1	0.5	2	0 to 125	3.50	2.81	2.56

TRANSISTOR ARRAYS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	National Products Part No.	Package Style	V _{CEO} (Max.) (V)	V _{CBO} (Max.) (V)	V _{EBO} (Max.) (V)	h _{FE} (Typ.)	Power Dissipation (Max.) (mW)		Collector Current (Max.) (mA)	Channels	Input Offset Current for Matched Pair (Max.) (μA)	Operating Temp. (°C)	Price Each		
							Each	Total					1	25	100
926-LM3046M/NOPB	LM3046M/NOPB	SOIC-14	15	20	5	100	300	750	50	5	2	-40 to 85	.88	.70	.61

RF POWER DETECTORS

Applications: LTE, W-CDMA, OFDMA, CDMA/CDMA2000, GSM/EDGE, GPRS, TDMA

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MOUSER STOCK NO.	National Products Part No.	Package Style	RF Freq. (MHz)	Channels	Dynamic Range (dB)	Supply Volt. (V)		Supply Current (mA)	Inputs/Outputs	Detector Power Range (dBm)	Accuracy (dB)	Operating Temp. (°C)	Price Each		
						Min.	Max.						1	25	100
926-LMV225SD/NOPB	LMV225SD/NOPB	LLP-6	450-2000	1	30	2.7	5	4.8	1/1	-30 to 0	1	-40 to 85	1.63	1.28	1.15
926-LMV225TL/NOPB	LMV225TL/NOPB	MicroSMD	450-2000	1	30	2.7	5	4.8	1/1	-30 to 0	1	-40 to 85	1.21	.954	.858
926-LMV226TL/NOPB	LMV226TL/NOPB	MicroSMD	450-2000	1	30	2.7	5	4.9	1/1	-15 to 15	1	-40 to 85	1.63	1.28	1.15
926-LMH2120UM/NOPB	LMH2120UM/NOPB	MicroSMD	50-6000	1	40	2.7	5	2.9	1/1	-35 to 5	0.5	-40 to 85	6.84	5.59	5.02
926-LMH2110TM/NOPB	LMH2110TM/NOPB	MicroSMD	50-8000	1	45	2.7	5	4.8	1/1	-40 to 5	0.5	-40 to 85	6.90	5.63	5.06

TEMPERATURE SENSORS



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	National Products Part No.	Package Style	Accuracy Over Temp. Range (Max.) (°C)	Supply Voltage (V)		I _q (Typ.) (mA)	Sensor Gain (mV/°C)	Single Supply	Output Current (mA)	Specific Temp. Range (°C)	Price Each		
				Min.	Max.						1	25	100
926-LM35CAZ/NOPB	LM35CAZ/NOPB	TO-92	0.5	4	30	56	10	No	10	-40 to 110	6.55	5.37	4.84
926-LM34CAZ/NOPB	LM34CAZ/NOPB	TO-92	1	5	30	75	10	No	10	-40 to 230	8.50	6.97	6.29
926-LM35CZ/NOPB	LM35CZ/NOPB	TO-92	1	4	30	56	10	No	10	-40 to 110	4.76	3.82	3.48
926-LM35DM/NOPB	LM35DM/NOPB	SOIC-8	1	4	30	56	10	No	10	0 to 100	1.83	1.47	1.32
926-LM35DMX/NOPB	LM35DMX/NOPB	SOIC-8	1	4	30	56	10	No	10	0 to 100	2.07	1.59	1.44
926-LM35DT/NOPB	LM35DT/NOPB	TO-220	1	4	30	56	10	No	10	0 to 100	2.33	1.87	1.68
926-LM35DZ/NOPB	LM35DZ/NOPB	TO-92	1	4	30	56	10	No	10	0 to 100	1.57	1.25	1.10
926-LM35CZ	LM35CZ	TO-92	1.5	4	30	0.114	9.9	Yes	10	-40 to 110	5.77	4.63	4.22
926-LM35DT	LM35DT	TO-220	1.5	4	30	0.114	10	Yes	10	0 to 100	2.82	2.27	2.04
926-LM35DZ	LM35DZ	TO-92	1.5	4	30	0.114	10	Yes	8	0 to 100	1.94	1.48	1.34
926-LM35DZ/LFT1	LM35DZ/LFT1	TO-92	1.5	4	30	0.114	9.8	Yes	10	0 to 100	1.94	1.48	1.34
926-LM94021BIMG/NOPB	LM94021BIMG/NOPB	SC-70-5	1.5	1.5	5.5	9	-5.5 to -13.6	Yes	7	-50 to 150	1.27	.99	.899
926-94021QBIMG/NOPB	LM94021QBIMG/NOPB	SC-70-5	1.5	1.5	5.5	9	-5.5 to -13.6	Yes	7	-50 to 150	1.77	1.40	1.26
926-LM94022BIMG/NOPB	LM94022BIMG/NOPB	SC-70-5	1.5	1.5	5.5	5.4	-5.5 to -13.6	Yes	7	-50 to 150	1.27	.99	.899
926-94023BITME/NOPB	LM94023BITME/NOPB	MicroSMD	1.5	1.5	5.5	8.1	-5.5 or -8.2	Yes	7	-50 to 150	1.27	.99	.899
926-LM34CZ/NOPB	LM34CZ/NOPB	TO-92	2	5	30	75	10	No	10	-40 to 230	6.60	5.41	4.88
926-LM34DM/NOPB	LM34DM/NOPB	SOIC-8	2	5	30	75	10	No	10	32 to 212	2.45	1.97	1.77
926-LM34DZ/NOPB	LM34DZ/NOPB	TO-92	2	5	30	75	10	No	10	32 to 212	2.51	2.02	1.82
926-LM45BIM3/NOPB	LM45BIM3/NOPB	SOT-23-3	2	4	10	120	10	No	10	-20 to 100	1.93	1.48	1.34
926-LM50CIM3	LM50CIM3	SOT-23	2	4.5	10	2	10	Yes	10	-40 to 125	1.19	.95	.845
926-LM50BIM3/NOPB	LM50BIM3/NOPB	SOT-23-3	2	4.5	10	130	10	Yes	10	-25 to 100	1.79	1.37	1.24
926-LM60BIM3/NOPB	LM60BIM3/NOPB	SOT-23-3	2	2.7	10	82	6.25	Yes	10	-25 to 125	1.33	1.04	.942
926-LM60BIZ/NOPB	LM60BIZ/NOPB	TO-92	2	2.7	10	82	6.25	Yes	10	-25 to 125	1.19	.958	.833
926-LM61BIZ/NOPB	LM61BIZ/NOPB	TO-92	2	2.7	10	82	10	Yes	10	-25 to 85	1.19	.952	.833
926-LM19CIZ/NOPB	LM19CIZ/NOPB	TO-92	2.5	2.4	5.5	4.5	-11.7	Yes	10	-55 to 130	.92	.713	.621
926-LM20BIM7/NOPB	LM20BIM7/NOPB	SC-70-5	2.5	2.4	5.5	4.5	-11.7	Yes	10	-55 to 130	1.19	.99	.868
926-LM20BIM7X/NOPB	LM20BIM7X/NOPB	SC-70-5	2.5	2.4	5.5	4.5	-11.7	Yes	10	-55 to 130	1.25	.99	.891
926-LM20BIM7	LM20BIM7	SC-70-5	2.5	2.4	5.5	7	-11.77	Yes	10	-30 to 130	1.25	.99	.891
926-LM335AZ/NOPB	LM335AZ/NOPB	TO-92	3	5	-----	1000	10	Yes	10	-40 to 100	1.64	1.32	1.19
926-LM335AM	LM335AM	SOIC-8	3	5	-----	1000	10	Yes	5	-40 to 100	1.46	1.15	1.04
926-LM45CIM3/NOPB	LM45CIM3/NOPB	SOT-23-3	3	4	10	120	10	No	10	-20 to 100	1.10	.87	.783
926-LM50CIM3/NOPB	LM50CIM3/NOPB	SOT-23-3	3	4.5	10	130	10	Yes	10	-40 to 125	1.06	.84	.756
926-LM50CIM3X/NOPB	LM50CIM3X/NOPB	SOT-23-3	3	4.5	10	130	10	Yes	10	-40 to 125	1.29	1.02	.918
926-LM60CIZ/NOPB	LM60CIZ/NOPB	TO-92	3	2.7	10	82	6.25	Yes	10	-40 to 125	.92	.713	.621
926-LM61BIM3/NOPB	LM61BIM3/NOPB	SOT-23-3	3	2.7	10	82	10	Yes	10	-25 to 85	1.97	1.41	1.27