

DIODES INC. Power Management and Amplifier ICs



Diodes Inc. Power Management

This product is RoHS compliant.

HALL EFFECT SENSORS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	Type	Operating Voltage	Output Current	Operating Temperature	Price Each			Reel	
							1	25	100	Qty.	Price Each
621-AH173-PL-A-A	AH173-PL-A-A	SIP-3L	Bipolar Latch	3.0V - 20V	25mA	-40°C to +125°C	1.26	1.15	.903	4000	.486
621-AH173-WL-7-A	AH173-WL-7-A	SC59-3L	Bipolar Latch	3.0V - 20V	25mA	-40°C to +125°C	1.26	1.15	.903	3000	.486
621-AH175-PL-A-A	AH175-PL-A-A	SIP-3L	Bipolar Latch	3.5V - 20V	25mA	-40°C to +125°C	1.26	1.15	.903	4000	.486
621-AH175-WL-7-A	AH175-WL-7-A	SC59-3L	Bipolar Latch	3.5V - 20V	25mA	-40°C to +125°C	1.26	1.15	.903	3000	.486
621-AH373-PL-A	AH373-PL-A	SIP3	Bipolar Latch	2.5V - 20V	25mA	-40°C to +125°C	1.26	1.15	.903	4000	.486
621-AH373-WL-7	AH373-WL-7	SC59	Bipolar Latch	2.5V - 20V	25mA	-40°C to +125°C	1.16	1.04	.902	3000	.455
621-AH375-PL-A	AH375-PL-A	SIP3	Bipolar Latch	2.5V - 20V	25mA	-40°C to +125°C	1.27	1.14	.987	4000	.526
621-AH375-WL-7	AH375-WL-7	SC59	Bipolar Latch	2.5V - 20V	25mA	-40°C to +125°C	1.26	1.11	.903	3000	.455
621-AH1751-PG-A-A	AH1751-PG-A-A	SIP-3L	Bipolar Latch	3.5V - 20V	50mA	-40°C to +125°C	1.09	.94	.73	4000	.394
621-AH180-SNG-7	AH180-SNG-7	DFN2020-6	Unipolar switch	2.5V - 5.5V	.011mA	-40°C to +85°C	1.36	1.24	.819	3000	.497
621-AH180-WG-7	AH180-WG-7	SC59-3L	Unipolar switch	2.5V - 5.5V	.011mA	-40°C to +85°C	1.36	1.24	.819	3000	.497
621-AH180-PL-A	AH180-PL-A	SIP-3L	Unipolar switch	2.5V - 5.5V	.011mA	-40°C to +85°C	1.48	1.18	.882	4000	.486
621-AH182-PL-A	AH182-PL-A	SIP-3L	Unipolar switch	2.5V - 5.5V	1mA	-40°C to +85°C	1.26	1.15	1.01	4000	.58
621-AH182-WL-7	AH182-WL-7	SOT23	Unipolar switch	2.5V - 5.5V	1mA	-40°C to +85°C	1.26	1.15	.903	3000	.486
621-AH183-WL-7	AH183-WL-7	SOT23	Unipolar switch	2.5V - 5.5V	1mA	-40°C to +85°C	1.48	1.30	1.07	3000	.513
621-AH337-PL-A	AH337-PL-A	SIP3	Unipolar switch	4.2V - 28V	25mA	-40°C to +125°C	1.37	1.26	.987	4000	.526
621-AH337-WL-7	AH337-WL-7	SC59	Unipolar switch	4.2V - 28V	25mA	-40°C to +125°C	1.26	1.15	.903	3000	.486
621-ATS137-PL-A-A	ATS137-PL-A-A	SIP-3L	Unipolar switch	3.5V - 20V	25mA	-20°C to +85°C	1.55	1.41	1.11	4000	.594
621-ATS137-WL-7-A	ATS137-WL-7-A	SC59-3L	Unipolar switch	3.5V - 20V	25mA	-20°C to +85°C	1.61	1.47	1.15	3000	.598

ADJUSTABLE PRECISION SHUNT REGULATORS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	Reference Voltage Tolerance	Operating Voltage	Maximum Input Voltage	Power Dissipation	Price Each			Reel	
							1	25	100	Qty.	Price Each
621-AP431AG-13	AP431AG-13	SOP-8L	± 0.5%	2.495V	36V	600mW	1.25	1.15	1.01	2500	.572
621-AP431AQL-7	AP431AQL-7	SOT25	± 0.5%	2.495V	36V	250mW	.72	.66	.552	3000	.324
621-AP431ARG-7	AP431ARG-7	SC59	± 0.5%	2.495V	36V	400mW	.47	.43	.38	3000	.224
621-AP431ASAG-7	AP431ASAG-7	SOT23	± 0.5%	2.495V	36V	250mW	.47	.43	.38	3000	.224
621-AP431AVL-A	AP431AVL-A	TO92-3L	± 0.5%	2.495V	36V	780mW	.43	.40	.35	2000	.216
621-AP431AWG-7	AP431AWG-7	SC59	± 0.5%	2.495V	36V	400mW	.47	.43	.38	3000	.224
621-AP431AYL-13	AP431AYL-13	SOT89-3L	± 0.5%	2.495V	36V	800mW	.72	.66	.57	2500	.342
621-AP431G-13	AP431G-13	SOP-8L	± 1%	2.495V	36V	600mW	1.08	.98	.86	2500	.492
621-AP431QL-7	AP431QL-7	SOT25	± 1%	2.495V	36V	250mW	.72	.66	.552	3000	.324
621-AP431RG-7	AP431RG-7	SC59	± 1%	2.495V	36V	400mW	.43	.40	.35	3000	.21
621-AP431SAG-7	AP431SAG-7	SOT23	± 1%	2.495V	36V	250mW	.47	.43	.38	3000	.224
621-AP431VL-A	AP431VL-A	TO92-3L	± 1%	2.495V	36V	780mW	.27	.25	.23	2000	.124
621-AP431WG-7	AP431WG-7	SC59	± 1%	2.495V	36V	400mW	.47	.43	.38	3000	.224
621-AP431YL-13	AP431YL-13	SOT89-3L	± 1%	2.495V	36V	800mW	.62	.57	.49	2500	.299
621-AP432AG-13	AP432AG-13	SOP-8L	± 0.5%	1.24V	20V	600mW	1.00	.92	.80	2500	.452
621-AP432AQL-7	AP432AQL-7	SOT25	± 0.5%	1.24V	20V	250mW	1.00	.92	.714	3000	.434
621-AP432ARG-7	AP432ARG-7	SC59	± 0.5%	1.24V	20V	400mW	.72	.66	.552	3000	.324
621-AP432ASAG-7	AP432ASAG-7	SOT23	± 0.5%	1.24V	20V	250mW	.72	.66	.552	3000	.324
621-AP432AVL-A	AP432AVL-A	TO92-3L	± 0.5%	1.24V	20V	780mW	.86	.684	.50	2000	.285
621-AP432AWG-7	AP432AWG-7	SC59	± 0.5%	1.24V	20V	400mW	.72	.66	.552	3000	.324
621-AP432AYL-13	AP432AYL-13	SOT89-3L	± 0.5%	1.24V	20V	800mW	.72	.66	.57	2500	.342
621-AP432QL-7	AP432QL-7	SOT25	± 1%	1.24V	20V	250mW	1.11	1.02	.798	3000	.485
621-AP432RG-7	AP432RG-7	SC59	± 1%	1.24V	20V	400mW	.51	.46	.408	3000	.238
621-AP432SAG-7	AP432SAG-7	SOT23	± 1%	1.24V	20V	250mW	.72	.66	.552	3000	.324
621-AP432VL-A	AP432VL-A	SOP-8L	± 1%	1.24V	20V	600mW	.66	.60	.52	2000	.331
621-AP432WG-7	AP432WG-7	SC59	± 1%	1.24V	20V	400mW	.51	.46	.408	3000	.238
621-AP432YL-13	AP432YL-13	SOT89-3L	± 1%	1.24V	20V	800mW	.72	.66	.57	2500	.342

LOW POWER DUAL COMPARATORS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	Output Bus	Supply Voltage	Supply Current @ 5V	Offset Voltage	Price Each			Reel	
							1	25	100	Qty.	Price Each
621-AP393NL-U	AP393NL-U	PDIP-8L	Open collect	2V - 36V	0.4mA	3mV	.49	.45	.40	--	--
621-AP393SL-13	AP393SL-13	SOP-8L	Open collect	2V - 36V	0.4mA	3mV	.50	.463	.409	2500	.258

LOW POWER DUAL OPERATIONAL AMPLIFIERS

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	Output Bus	Supply Voltage	Supply Current @ 5V	Offset Voltage	Price Each			Reel	
							1	25	100	Qty.	Price Each
621-AP358NL-U	AP358NL-U	PDIP-8L	Push-pull	3V - 32V	0.5mA	2mV	.49	.45	.40	--	--
621-AP358SG-13	AP358SG-13	SOP-8L	Push-pull	3V - 32V	0.5mA	2mV	.47	.43	.38	2500	.195