



Micrel / Microchip Technology

## MD1820K6-G

Part Number:	MD1820K6-G
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MOSFET DRIVER HI SPEED 16VQFN
Datasheets:	MD1820K6-G.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	81030 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of MD1820K6-G

PART NUMBER	MD1820K6-G
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MOSFET DRIVER HI SPEED 16VQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	81030 pcs
DATA SHEET	MD1820K6-G.pdf
VOLTAGE - SUPPLY	5 V ~ 10 V
SUPPLIER DEVICE PACKAGE	16-QFN (3x3)
SERIES	-
RISE / FALL TIME (TYP)	7ns, 7ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-VFQFN Exposed Pad
OPERATING TEMPERATURE	-20°C ~ 125°C (TJ)
NUMBER OF DRIVERS	4
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LOGIC VOLTAGE - VIL, VIH	0.3V, 1.7V
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	Non-Inverting
GATE TYPE	N-Channel, P-Channel MOSFET
DRIVEN CONFIGURATION	Half-Bridge
DETAILED DESCRIPTION	Half-Bridge Gate Driver IC Non-Inverting 16-QFN (3x3)
CURRENT - PEAK OUTPUT (SOURCE, SINK)	2A, 2A
CHANNEL TYPE	Independent
BASE PART NUMBER	MD1820

### Related Tags

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### Related Products

<p><b>MD18200S-BM2MM</b> Manufacturers: Hamlin / Littelfuse Description: RECTIFIER MOD 1800V 200A DUAL B In stock: 1143 pcs <a href="#">RFQ</a></p>	<p><b>MD18160S-BM2MM</b> Manufacturers: Hamlin / Littelfuse Description: RECTIFIER MOD 1800V 160A DUAL B In stock: 1364 pcs <a href="#">RFQ</a></p>
<p><b>MD18180S-BM2MM</b> Manufacturers: Hamlin / Littelfuse Description: RECTIFIER MOD 1800V 180A DUAL B In stock: 1330 pcs <a href="#">RFQ</a></p>	<p><b>MD18130S-DKM2MM</b> Manufacturers: Hamlin / Littelfuse Description: RECTIFIER MOD 1800V 130A DUAL DK In stock: 1560 pcs <a href="#">RFQ</a></p>
<p><b>MD18180S-DKM2MM</b> Manufacturers: Hamlin / Littelfuse Description: RECTIFIER MOD 1800V 180A DUAL DK In stock: 1142 pcs <a href="#">RFQ</a></p>	<p><b>MD1890A-DKM2MM</b> Manufacturers: Hamlin / Littelfuse Description: RECTIFIER MOD 1800V 90A DUAL DK In stock: 2198 pcs <a href="#">RFQ</a></p>
<p><b>MD1822K6-G</b> Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DRIVER HI SPEED 16VQFN In stock: 76070 pcs <a href="#">RFQ</a></p>	<p><b>MD18200S-DKM2MM</b> Manufacturers: Hamlin / Littelfuse Description: RECTIFIER MOD 1800V 200A DUAL DK In stock: 1119 pcs <a href="#">RFQ</a></p>
<p><b>MD1821K6-G</b> Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DRIVER HI SPEED 16VQFN In stock: 96602 pcs <a href="#">RFQ</a></p>	<p><b>MD18160S-DKM2MM</b> Manufacturers: Hamlin / Littelfuse Description: RECTIFIER MOD 1800V 160A DUAL DK In stock: 1356 pcs <a href="#">RFQ</a></p>
<p><b>MD1813K6-G</b> Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DRIVER HI SPEED 16VQFN In stock: 46874 pcs <a href="#">RFQ</a></p>	<p><b>MD1890A-BM2MM</b> Manufacturers: Hamlin / Littelfuse Description: RECTIFIER MOD 1800V 90A DUAL B In stock: 2395 pcs <a href="#">RFQ</a></p>

