

MD1821K6-G



Part Number: [MD1821K6-G](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MOSFET DRIVER HI SPEED 16VQFN

Data sheet:  [MD1821](#)

RoHS Status: Lead free / RoHS Compliant

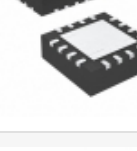
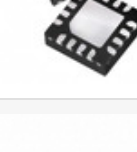
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MD1821K6-G	Manufacturer	Micrel / Microchip Technology
Description	IC MOSFET DRIVER HI SPEED 16VQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	105892 pcs	Data sheet	MD1821
Category	Integrated Circuits (ICs)	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)	Manufacturer Standard Lead Time	6 Weeks
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	MD1821		
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	Part#: MD18160S-BM2MM Description: RECTIFIER MOD 1800V 160A DUAL B	Manufacturers: Hamlin / Littelfuse	RFQ
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	Part#: MD1811K6-G Description: IC MOSFET DRIVER HI SPEED 16QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MD1820K6-G Description: IC MOSFET DRIVER HI SPEED 16VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MD1810K6-G Description: IC MOSFET DRIVER HI SPEED 16QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MD1822K6-G Description: IC MOSFET DRIVER HI SPEED 16VQFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MD1813K6-G Description: IC MOSFET DRIVER HI SPEED 16QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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