

MD1213K6-G



Part Number: [MD1213K6-G](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MOSFET DRIVER HI SPEED 12QFN

Data sheet:  [MD1213](#)

RoHs Status: Lead free / RoHS Compliant

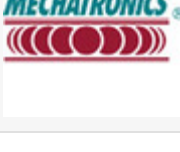
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PRODUCT PARAMETER			
Part Number	MD1213K6-G	Manufacturer	Micrel / Microchip Technology
Description	IC MOSFET DRIVER HI SPEED 12QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	87905 pcs	Data sheet	MD1213
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 13 V
Supplier Device Package	12-QFN (4x4)	Series	-
Rise / Fall Time (Typ)	6ns, 6ns	Packaging	Cut Tape (CT)
Package / Case	12-VQFN Exposed Pad	Other Names	MD1213K6-GCT
Operating Temperature	-20°C ~ 125°C (TJ)	Number of Drivers	2
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	8 Weeks	Logic Voltage - VIL, VIH	0.3V, 1.2V
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 12-QFN (4x4)	Current - Peak Output (Source, Sink)	2A, 2A
Channel Type	Independent	Base Part Number	MD1213
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	Part#: MD1238L24B-FSR Description: FAN AXIAL 120X38MM 24VDC WIRE	Manufacturers: Mechatronics	RFQ
	Part#: MD1238X12B1+6-FSR Description: FAN AXIAL 120X38MM 12VDC WIRE	Manufacturers: Mechatronics	RFQ
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	Part#: MD1238H12B-FSR Description: FAN AXIAL 120X38MM 12VDC	Manufacturers: Mechatronics	RFQ
	Part#: MD1210K6-G Description: IC MOSFET DRIVER HI SPEED 12QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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