




Micrel / Microchip Technology

## MCP1407T-E/MF

Part Number:	MCP1407T-E/MF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MOSFET DRIVER 6A HS 8DFN
Datasheets:	<a href="#">PDF MCP1407T-E/MF.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.




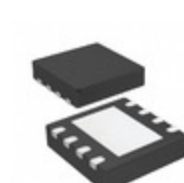



### Specifications of MCP1407T-E/MF

PART NUMBER	MCP1407T-E/MF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MOSFET DRIVER 6A HS 8DFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF MCP1407T-E/MF.pdf</a>
VOLTAGE - SUPPLY	4.5 V ~ 18 V
SUPPLIER DEVICE PACKAGE	8-DFN-S (6x5)
SERIES	-
RISE / FALL TIME (TYP)	20ns, 20ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-VDFN Exposed Pad
OTHER NAMES	MCP1407T-E/MFTR
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
NUMBER OF DRIVERS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	4 Weeks
LOGIC VOLTAGE - VIL, VIH	0.8V, 2.4V
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	Non-Inverting
GATE TYPE	IGBT, N-Channel, P-Channel MOSFET
DRIVEN CONFIGURATION	Low-Side
DETAILED DESCRIPTION	Low-Side Gate Driver IC Non-Inverting 8-DFN-S (6x5)
CURRENT - PEAK OUTPUT (SOURCE, SINK)	6A, 6A
CHANNEL TYPE	Single
BASE PART NUMBER	MCP1407

### Related Tags

Micrel / Microchip Technology MCP1407T-E/MF	MCP1407T-E/MF Distributor	MCP1407T-E/MF Supplier
MCP1407T-E/MF Price	MCP1407T-E/MF Pictures	MCP1407T-E/MF Image
MCP1407T-E/MF PDF Datasheet	MCP1407T-E/MF Download Datasheet	MCP1407T-E/MF Datasheet
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### Related Products

 <p><b>MCP1416RT-E/OT</b> Manufacturers: Micrel / Microchip Technology Description: IC PWR MOSFET DVR 1.5A SOT23-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1407-E/SN</b> Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DVR 6A 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1406T-E/SN</b> Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DRIVER 6A HS 8SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1415T-E/OT</b> Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DVR 1.5A HS SOT23-5 In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1407-E/MF</b> Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DVR 6A 8DFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1415T-E/MC</b> Manufacturers: Micrel / Microchip Technology Description: MOSFET DRVR 1.5A SGL HS 8DFN In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1407T-E/SN</b> Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DRIVER 6A HS 8SOIC In stock: 13 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1407T-E/SNVAO</b> Manufacturers: Micrel / Microchip Technology Description: NEW GEN 6 AMP MOSFET DRIVER In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1407-E/P</b> Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DVR 6A 8DIP In stock: 757 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1407-E/AT</b> Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DVR 6A TO220-5 In stock: 134 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MCP1415T-E/OTVAO</b> Manufacturers: Micrel / Microchip Technology Description: TINY 1.5 AMP MOSFET DRIVER In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>MCP1406T-E/MFVAO</b> Manufacturers: Micrel / Microchip Technology Description: NEW GEN 6 AMP MOSFET DRIVER In stock: Out stock</p> <p><a href="#">RFQ</a></p>