



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MCP14A0451T-E/MS

Part Number:	MCP14A0451T-E/MS
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC MOSFET DRIVER 4.5A 8MSOP
Datasheets:	 MCP14A0451T-E/MS.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	132947 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

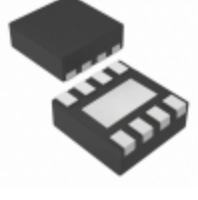
Specifications of MCP14A0451T-E/MS

PART NUMBER	MCP14A0451T-E/MS
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MOSFET DRIVER 4.5A 8MSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	132947 pcs
DATA SHEET	 MCP14A0451T-E/MS.pdf
VOLTAGE - SUPPLY	4.5 V ~ 18 V
SUPPLIER DEVICE PACKAGE	8-MSOP
SERIES	-
RISE / FALL TIME (TYP)	9.5ns, 9ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
OTHER NAMES	MCP14A0451T-E/MS-ND MCP14A0451T-E/MSTR
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
NUMBER OF DRIVERS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LOGIC VOLTAGE - VIL, VIH	0.8V, 2V
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	Inverting
GATE TYPE	N-Channel, P-Channel MOSFET
DRIVEN CONFIGURATION	Low-Side
DETAILED DESCRIPTION	Low-Side Gate Driver IC Inverting 8-MSOP
CURRENT - PEAK OUTPUT (SOURCE, SINK)	4.5A, 4.5A
CHANNEL TYPE	Single

Related Tags

Micrel / Microchip Technology MCP14A0451T-E/MS	MCP14A0451T-E/MS Distributor	MCP14A0451T-E/MS Supplier
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Related Products

 MCP14A0451T-E/SN Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DRIVER 4.5A 8SOIC In stock: 129313 pcs RFQ	 MCP14A0452T-E/MS Manufacturers: Micrel / Microchip Technology Description: IC MOSFET DRIVER 4.5A 8MSOP In stock: 137927 pcs RFQ
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