

MCP14A0452T-E/MS





Part Number:

MCP14A0452T-E/MS

Manufacturer:

Micrel / Microchip Technology

Description:

IC MOSFET DRIVER 4.5A 8MSOP

Data sheet:

 [MCP14A0451,52 Datasheet](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

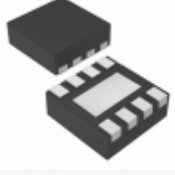
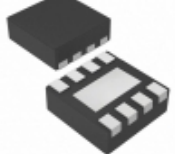
Shipment Way:

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PRODUCT PARAMETER			
Part Number	MCP14A0452T-E/MS	Manufacturer	Micrel / Microchip Technology
Description	IC MOSFET DRIVER 4.5A 8MSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	75432 pcs	Data sheet	MCP14A0451,52 Datasheet
Category	Integrated Circuits (ICs)	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	MCP14A0452T-E/MS-ND MCP14A0452T-E/MSTR
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	23 Weeks	Logic Voltage - VIL, VIH	0.8V, 2V
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Non-Inverting
Gate Type	N-Channel, P-Channel MOSFET	Driven Configuration	Low-Side
Detailed Description	Low-Side Gate Driver IC Non-Inverting 8-MSOP	Current - Peak Output (Source, Sink)	4.5A, 4.5A
Channel Type	Single		
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