

MCP14A0451-E/SN





Part Number: MCP14A0451-E/SN

Manufacturer: Micrel / Microchip Technology

Description: IC MOSFET DRIVER 4.5A 8SOIC

Data sheet:  MCP14A0451,52 Datasheet

RoHs Status: Lead free / RoHS Compliant

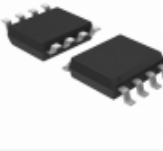
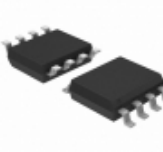
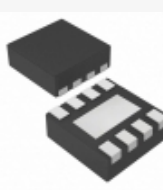
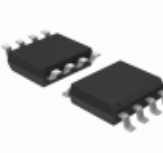
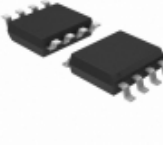
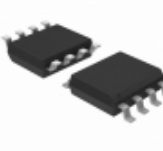
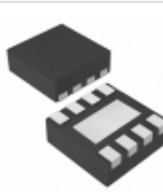
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PRODUCT PARAMETER			
Part Number	MCP14A0451-E/SN	Manufacturer	Micrel / Microchip Technology
Description	IC MOSFET DRIVER 4.5A 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	72543 pcs	Data sheet	MCP14A0451,52 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply	4.5 V ~ 18 V
Supplier Device Package	8-SOIC	Series	-
Rise / Fall Time (Typ)	9.5ns, 9ns	Packaging	Tube
Package / Case	8-SOIC (0.154", 3.90mm Width)	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-SOIC	Current - Peak Output (Source, Sink)	4.5A, 4.5A
Channel Type	Single		
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	Part#: MCP14A0452T-E/SN Description: IC MOSFET DRIVER 4.5A 8SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP14A0451T-E/MS Description: IC MOSFET DRIVER 4.5A 8MSOP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MCP14A0304T-E/MS Description: 3.0A MATCHED, HIGH -SPEED, LOW-S	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP14A0452T-E/RW Description: IC MOSFET DRIVER 4.5A 8WDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MCP14A0304T-E/MNY Description: 3.0A MATCHED, HIGH -SPEED, LOW-S	Manufacturers: Micrel / Microchip Technology	RFQ

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