

MCP14A0153T-E/MS

MCP14A0153T-E/MS Information



For Reference Only

Part Number MCP14A0153T-E/MS

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

DescriptionIC MOSFET DVR 1.5A DUAL 8MSOP**Package**8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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MCP14A0153T-E/MS Specifications

Manufacturer Part NumberMCP14A0153T-E/MSManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2V		
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Number of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply $4.5 \text{ V} \sim 18 \text{ V}$	Driven Configuration	Low-Side
Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V	Channel Type	Independent
Voltage - Supply 4.5 V ~ 18 V	Number of Drivers	2
	Gate Type	N-Channel, P-Channel MOSFET
Logic Voltage - VIL, VIH 0.8V, 2V	Voltage - Supply	4.5 V ~ 18 V
	Logic Voltage - VIL, VIH	0.8V, 2V
Current - Peak Output (Source, Sink) 1.5A, 1.5A	Current - Peak Output (Source, Sink)	1.5A, 1.5A
Input Type Inverting	Input Type	Inverting
High Side Voltage - Max (Bootstrap)	High Side Voltage - Max (Bootstrap)	-
Rise / Fall Time (Typ) 11.5ns, 10ns	Rise / Fall Time (Typ)	11.5ns, 10ns
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Supplier Device Package 8-MSOP	Supplier Device Package	8-MSOP
Report errors?		Report errors?

MCP14A0153T-E/MS Guarantees



Ouality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MCP14A0153T-E/MS Payment Methods



















MCP14A0153T-E/MS Shipping Methods













If you have any question about MCP14A0153T-E/MS, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com