



MCP14A0901-E/MS Information



For Reference Only

Part Number MCP14A0901-E/MS

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description9.0A SINGLE INV MOSFET DRIVER**Package**8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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MCP14A0901-E/MS Specifications

Manufacturer Part NumberMCP14A0901-E/MSManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Driven ConfigurationHigh-Side or Low-SideChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5V ~ 18VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)9A, 9AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)22ns, 22nsOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)		
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Logic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)9A, 9AInput TypeInvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)22ns, 22nsOperating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface Mount	Gate Type	N-Channel, P-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount	Voltage - Supply	4.5V ~ 18V
Input Type Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 22ns, 22ns Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount	Logic Voltage - VIL, VIH	0.8V, 2V
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Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount	Rise / Fall Time (Typ)	22ns, 22ns
2	Operating Temperature	-40°C ~ 125°C (TA)
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Mounting Type	Surface Mount
	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?

MCP14A0901-E/MS Guarantees



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We provide 90 days warranty. *

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Service Guarantees

We guarantee 100% customer satisfaction.

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