



MIC2544A-2YMM Information



For Reference Only

Part Number MIC2544A-2YMM

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description IC SW CURR LIMIT HI SIDE 8MSOP **Package** 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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MIC2544A-2YMM Specifications

Manufacturer Part Number MIC2544A-2YMM Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series - Switch Type USB Switch Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 2.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.5A Rds On (Typ) 80 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP		
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Interface On/Off Voltage - Load 2.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.5A Rds On (Typ) 80 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Output Configuration	High Side
Voltage - Load 2.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.5A Rds On (Typ) 80 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 1.5A Rds On (Typ) 80 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Interface	On/Off
Current - Output (Max) Rds On (Typ) 80 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Voltage - Load	2.7 V ~ 5.5 V
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Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Current - Output (Max)	1.5A
Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Rds On (Typ)	80 mOhm
Fault Protection Current Limiting (Adjustable), Over Temperature Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Input Type	Non-Inverting
Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Features	Status Flag
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Fault Protection	Current Limiting (Adjustable), Over Temperature
Supplier Device Package 8-MSOP	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	8-MSOP
		Report errors?

MIC2544A-2YMM Guarantees



Quality 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.

MIC2544A-2YMM Payment Methods



















MIC2544A-2YMM Shipping Methods













If you have any question about MIC2544A-2YMM, please do not hesitate to contact us!

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