

MIC38C45AYMM-TR

MIC38C45AYMM-TR Information



For Reference Only

Part Number MIC38C45AYMM-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Controllers

DescriptionIC REG CTRLR MULT TOPOLOGY 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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MIC38C45AYMM-TR Specifications

Manufacturer Part Number MIC38C45AYMM-TR Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series - Output Type Transistor Driver Function Step-Up, Step-Down, Step-Up/Step-Down Output Configuration Positive, Isolation Capable Topology Buck, Boost, Flyback, Forward Converter Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 7.6 V ~ 20 V Frequency - Switching 500kHz Duty Cycle (Max) 50% Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package -		
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Output ConfigurationPositive, Isolation CapableTopologyBuck, Boost, Flyback, Forward ConverterNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)7.6 V ~ 20 VFrequency - Switching500kHzDuty Cycle (Max)50%Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesFrequency ControlOperating Temperature-40°C ~ 85°C (TA)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Output Type	Transistor Driver
Topology Buck, Boost, Flyback, Forward Converter Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 7.6 V ~ 20 V Frequency - Switching 500kHz Duty Cycle (Max) 50% Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Function	Step-Up, Step-Down, Step-Up/Step-Down
Number of Outputs Output Phases 1 Voltage - Supply (Vcc/Vdd) Frequency - Switching Duty Cycle (Max) Synchronous Rectifier Clock Sync No Serial Interfaces - Control Features Operating Temperature 40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Output Configuration	Positive, Isolation Capable
Output Phases 1 Voltage - Supply (Vcc/Vdd) 7.6 V ~ 20 V Frequency - Switching 500kHz Duty Cycle (Max) Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Operating Temperature Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Topology	Buck, Boost, Flyback, Forward Converter
Voltage - Supply (Vcc/Vdd)7.6 V ~ 20 VFrequency - Switching500kHzDuty Cycle (Max)50%Synchronous RectifierYesClock SyncNoSerial Interfaces-Control FeaturesFrequency ControlOperating Temperature-40°C ~ 85°C (TA)Package / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Supplier Device Package8-MSOP	Number of Outputs	1
Frequency - Switching 500kHz Duty Cycle (Max) 50% Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Output Phases	1
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Synchronous Rectifier Yes Clock Sync No Serial Interfaces - Control Features Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Frequency - Switching	500kHz
Clock Sync Serial Interfaces - Control Features Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Duty Cycle (Max)	50%
Serial Interfaces - Control Features Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Synchronous Rectifier	Yes
Control Features Frequency Control -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Clock Sync	No
Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Serial Interfaces	-
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Control Features	Frequency Control
Supplier Device Package 8-MSOP	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Report errors?	Supplier Device Package	8-MSOP
Report circles.		Report errors?

MIC38C45AYMM-TR 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.

MIC38C45AYMM-TR Payment Methods



















MIC38C45AYMM-TR Shipping Methods













If you have any question about MIC38C45AYMM-TR, please do not hesitate to contact us!

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