

MCP1631HV-500E/ST

MCP1631HV-500E/ST Information



For Reference Only

Part Number MCP1631HV-500E/ST Manufacturer Microchip Technology Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Controllers

DescriptionIC REG CTRLR SEPIC 20TSSOPPackage20-TSSOP (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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



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MCP1631HV-500E/ST Specifications

Manufacturer Part Number MCP1631HV-500E/ST Manufacturer Microchip Technology Category Integrated Circuits (ICs) PACKAGE 20-TSSOP (0.173", 4.40mm Width) Series - Output Type Transistor Driver Function Step-Up/Step-Down Output Configuration Positive Topology Sepic Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 3.5 V ~ 16 V Frequency - Switching - Duty Cycle (Max) - Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Enable, Frequency Control, Ramp Operating Temperature -40°C ~ 125°C (TJ) Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package 20-TSSOP		
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Topology Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 3.5 V ~ 16 V Frequency - Switching - Duty Cycle (Max) Synchronous Rectifier No Clock Sync Serial Interfaces - Control Features Operating Temperature -40°C ~ 125°C (TJ) Package / Case Supplier Device Package 20-TSSOP	Function	Step-Up/Step-Down
Number of Outputs Output Phases 1 Voltage - Supply (Vcc/Vdd) 3.5 V ~ 16 V Frequency - Switching - Duty Cycle (Max) Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Deprating Temperature -40°C ~ 125°C (TJ) Package / Case Supplier Device Package 20-TSSOP 1 1 1 1 1 1 1 1 1 1 1 1 1	Output Configuration	Positive
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Voltage - Supply (Vcc/Vdd)3.5 V ~ 16 VFrequency - Switching-Duty Cycle (Max)-Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesEnable, Frequency Control, RampOperating Temperature-40°C ~ 125°C (TJ)Package / Case20-TSSOP (0.173", 4.40mm Width)Supplier Device Package20-TSSOP	Number of Outputs	1
Frequency - Switching Duty Cycle (Max) Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Enable, Frequency Control, Ramp Operating Temperature -40°C ~ 125°C (TJ) Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Output Phases	1
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Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Enable, Frequency Control, Ramp Operating Temperature -40°C ~ 125°C (TJ) Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Frequency - Switching	-
Clock Sync Serial Interfaces - Control Features Enable, Frequency Control, Ramp Operating Temperature -40°C ~ 125°C (TJ) Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package	Duty Cycle (Max)	-
Serial Interfaces - Control Features Enable, Frequency Control, Ramp Operating Temperature -40°C ~ 125°C (TJ) Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package 20-TSSOP	Synchronous Rectifier	No
Control Features Enable, Frequency Control, Ramp Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ (TJ) Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package 20-TSSOP	Clock Sync	No
Operating Temperature -40°C ~ 125°C (TJ) Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package 20-TSSOP	Serial Interfaces	-
Package / Case 20-TSSOP (0.173", 4.40mm Width) Supplier Device Package 20-TSSOP	Control Features	Enable, Frequency Control, Ramp
Supplier Device Package 20-TSSOP	Operating Temperature	-40°C ~ 125°C (TJ)
	Package / Case	20-TSSOP (0.173", 4.40mm Width)
Report errors?	Supplier Device Package	20-TSSOP
•		Report errors

MCP1631HV-500E/ST 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.

MCP1631HV-500E/ST Payment Methods



















MCP1631HV-500E/ST Shipping Methods













If you have any question about MCP1631HV-500E/ST, please do not hesitate to contact us!

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