



AN8015SH-E1V Information



For Reference Only

Part Number AN8015SH-E1V

Manufacturer Panasonic Electronic Components

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Controllers

Description IC REG CTRLR BUCK/BOOST 10-SSOP

Package 10-FSOP (0.169", 4.30mm Width)

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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AN8015SH-E1V Specifications

Manufacturer Part Number AN8015SH-EIV Manufacturer Panasonic Electronic Components Category Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers Package 10-FSOP (0.169", 4.30mm Width) Series - Output Type Transistor Driver Function Step-Up, Step-Down Output Configuration Positive or Negative Topology Buck, Boost Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 3.6 V ~ 34 V Frequency - Switching 2kHz ~ 500kHz Duty Cycle (Max) 90% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Frequency Control Operating Temperature -30°C ~ 85°C (TA) Package / Case 10-FSOP (0.169", 4.30mm Width) Supplier Device Package 10-SSOP		
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Function Step-Up, Step-Down Output Configuration Positive or Negative Topology Buck, Boost Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 3.6 V ~ 34 V Frequency - Switching 2kHz ~ 500kHz Duty Cycle (Max) 90% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Frequency Control Operating Temperature -30°C ~ 85°C (TA) Package / Case 10-FSOP (0.169", 4.30mm Width)	Series	-
Output Configuration Positive or Negative Topology Buck, Boost Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) Frequency - Switching Duty Cycle (Max) Synchronous Rectifier No Clock Sync Serial Interfaces Control Features Operating Temperature Package / Case Package / Soost Buck, Boost 1 No Serial Interfaces 1 Frequency Control Operating Temperature -30°C ~ 85°C (TA) Package / Case Package / Case	Output Type	Transistor Driver
Topology Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) Frequency - Switching Duty Cycle (Max) Synchronous Rectifier Clock Sync Serial Interfaces Control Features Operating Temperature Package / Case Buck, Boost 1 No Serial Spost No Serial Spost Frequency Control -30°C ~ 85°C (TA) Package / Case 10-FSOP (0.169", 4.30mm Width)	Function	Step-Up, Step-Down
Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 3.6 V ~ 34 V Frequency - Switching 2kHz ~ 500kHz Duty Cycle (Max) 90% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Frequency Control Operating Temperature -30°C ~ 85°C (TA) Package / Case 10-FSOP (0.169", 4.30mm Width)	Output Configuration	Positive or Negative
Output Phases Voltage - Supply (Vcc/Vdd) 3.6 V ~ 34 V Frequency - Switching Duty Cycle (Max) Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Operating Temperature Package / Case 10-FSOP (0.169", 4.30mm Width)	Topology	Buck, Boost
Voltage - Supply (Vcc/Vdd) Frequency - Switching 2kHz ~ 500kHz Duty Cycle (Max) 90% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Frequency Control Operating Temperature Package / Case 3.6 V ~ 34 V 3.6 V ~ 34 V 3.6 V ~ 34 V 90% 90% Synchronous Rectifier No No Serial Interfaces - Control Features Frequency Control -30°C ~ 85°C (TA) Package / Case 10-FSOP (0.169", 4.30mm Width)	Number of Outputs	1
Frequency - Switching Duty Cycle (Max) 90% Synchronous Rectifier No Clock Sync Serial Interfaces Control Features Operating Temperature Package / Case 2kHz ~ 500kHz No Some No No No Frequency Control -30°C ~ 85°C (TA) Package / Case 10-FSOP (0.169", 4.30mm Width)	Output Phases	1
Duty Cycle (Max)90%Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesFrequency ControlOperating Temperature-30°C ~ 85°C (TA)Package / Case10-FSOP (0.169", 4.30mm Width)	Voltage - Supply (Vcc/Vdd)	3.6 V ~ 34 V
Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Operating Temperature Package / Case No No Frequency Control -30°C ~ 85°C (TA) Package / Case 10-FSOP (0.169", 4.30mm Width)	Frequency - Switching	2kHz ~ 500kHz
Clock Sync Serial Interfaces Control Features Frequency Control Operating Temperature Package / Case No Frequency Control -30°C ~ 85°C (TA) 10-FSOP (0.169", 4.30mm Width)	Duty Cycle (Max)	90%
Serial Interfaces - Control Features Frequency Control Operating Temperature -30°C ~ 85°C (TA) Package / Case 10-FSOP (0.169", 4.30mm Width)	Synchronous Rectifier	No
Control Features Frequency Control Operating Temperature -30°C ~ 85°C (TA) Package / Case 10-FSOP (0.169", 4.30mm Width)	Clock Sync	No
Operating Temperature -30°C ~ 85°C (TA) Package / Case 10-FSOP (0.169", 4.30mm Width)	Serial Interfaces	-
Package / Case 10-FSOP (0.169", 4.30mm Width)	Control Features	Frequency Control
	Operating Temperature	-30°C ~ 85°C (TA)
Supplier Device Package 10-SSOP	Package / Case	10-FSOP (0.169", 4.30mm Width)
	Supplier Device Package	10-SSOP
Report errors's		Report errors?

AN8015SH-E1V 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.

AN8015SH-E1V Payment Methods



















AN8015SH-E1V Shipping Methods













If you have any question about AN8015SH-E1V, please do not hesitate to contact us!

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