



S-8338AACB-P8T1G Information

Part Number S-8338AACB-P8T1G

Manufacturer SII Semiconductor Corporation

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Controllers

Description IC REG CTRLR BOOST 8SON

Package 8-SMD, Flat Lead

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

For Reference Only

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









S-8338AACB-P8T1G Specifications

Manufacturer Part Number \$-8338AACB-P8T1G Manufacturer \$II Semiconductor Corporation Category Integrated Circuits (ICs) Package 8-SMD, Flat Lead Series - Output Type Transistor Driver Function Step-Up Output Configuration Positive Topology Boost Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 6 V Frequency - Switching 257.4kHz ~ 1.134MHz Duty Cycle (Max) 88.5% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers Package 8-SMD, Flat Lead Series - Output Type Transistor Driver Function Step-Up Output Configuration Positive Topology Boost Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 6 V Frequency - Switching 257.4kHz ~ 1.134MHz Duty Cycle (Max) 88.5% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)	Manufacturer Part Number	S-8338AACB-P8T1G
Package8-SMD, Flat LeadSeries-Output TypeTransistor DriverFunctionStep-UpOutput ConfigurationPositiveTopologyBoostNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)1.8 V ~ 6 VFrequency - Switching257.4kHz ~ 1.134MHzDuty Cycle (Max)88.5%Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency ControlOperating Temperature-40°C ~ 85°C (TA)Package / Case8-SMD, Flat LeadSupplier Device Package8-SON (A) (2.9x2.8)	Manufacturer	SII Semiconductor Corporation
Package 8-SMD, Flat Lead Series - Output Type Transistor Driver Function Step-Up Output Configuration Positive Topology Boost Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 6 V Frequency - Switching 257.4kHz ~ 1.134MHz Duty Cycle (Max) 88.5% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)	Category	Integrated Circuits (ICs)
Series - Output Type Transistor Driver Function Step-Up Output Configuration Positive Topology Boost Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 6 V Frequency - Switching 257.4kHz ~ 1.134MHz Duty Cycle (Max) 88.5% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)		PMIC - Voltage Regulators - DC DC Switching Controllers
Output TypeTransistor DriverFunctionStep-UpOutput ConfigurationPositiveTopologyBoostNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)1.8 V ~ 6 VFrequency - Switching257.4kHz ~ 1.134MHzDuty Cycle (Max)88.5%Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency ControlOperating Temperature-40°C ~ 85°C (TA)Package / Case8-SMD, Flat LeadSupplier Device Package8-SON (A) (2.9x2.8)	Package	8-SMD, Flat Lead
FunctionStep-UpOutput ConfigurationPositiveTopologyBoostNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)1.8 V ~ 6 VFrequency - Switching257.4kHz ~ 1.134MHzDuty Cycle (Max)88.5%Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency ControlOperating Temperature-40°C ~ 85°C (TA)Package / Case8-SMD, Flat LeadSupplier Device Package8-SON (A) (2.9x2.8)	Series	-
Output Configuration Positive Topology Boost Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 6 V Frequency - Switching 257.4kHz ~ 1.134MHz Duty Cycle (Max) 88.5% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)	Output Type	Transistor Driver
Topology Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) Frequency - Switching 257.4kHz ~ 1.134MHz Duty Cycle (Max) Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case Supplier Device Package 8-SON (A) (2.9x2.8)	Function	Step-Up
Number of Outputs Output Phases 1 Voltage - Supply (Vcc/Vdd) Frequency - Switching Duty Cycle (Max) Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case Supplier Device Package 8-SON (A) (2.9x2.8)	Output Configuration	Positive
Output Phases 1 Voltage - Supply (Vcc/Vdd) 1.8 V ~ 6 V Frequency - Switching 257.4kHz ~ 1.134MHz Duty Cycle (Max) 88.5% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)	Topology	Boost
Voltage - Supply (Vcc/Vdd)1.8 V ~ 6 VFrequency - Switching257.4kHz ~ 1.134MHzDuty Cycle (Max)88.5%Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency ControlOperating Temperature-40°C ~ 85°C (TA)Package / Case8-SMD, Flat LeadSupplier Device Package8-SON (A) (2.9x2.8)	Number of Outputs	1
Frequency - Switching Duty Cycle (Max) 88.5% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)	Output Phases	1
Duty Cycle (Max) Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 6 V
Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)	Frequency - Switching	257.4kHz ~ 1.134MHz
Clock Sync No Serial Interfaces - Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)	Duty Cycle (Max)	88.5%
Serial Interfaces Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)	Synchronous Rectifier	No
Control Features Current Limit, Enable, Frequency Control Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)	Clock Sync	No
Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)	Serial Interfaces	-
Package / Case 8-SMD, Flat Lead Supplier Device Package 8-SON (A) (2.9x2.8)	Control Features	Current Limit, Enable, Frequency Control
Supplier Device Package 8-SON (A) (2.9x2.8)	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
	Package / Case	8-SMD, Flat Lead
Report errors?	Supplier Device Package	8-SON (A) (2.9x2.8)
		Report errors?

S-8338AACB-P8T1G 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.

S-8338AACB-P8T1G Payment Methods



















S-8338AACB-P8T1G Shipping Methods













If you have any question about S-8338AACB-P8T1G, please do not hesitate to contact us!

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