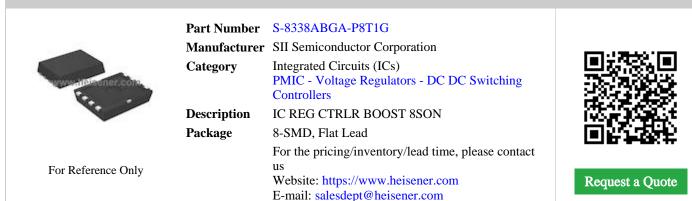


S-8338ABGA-P8T1G

S-8338ABGA-P8T1G Information



Certified Quality

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-8338ABGA-P8T1G Specifications

ManufacturerSII Semiconductor CorporationCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching ControllersPackage8-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 Temperature4-0°C ~ 85°C (TA)Package / Case8-SMD, Flat Lead		
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - DC DC Switching ControllersPackage8-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 SyncNoClortof Features-Output Faces-Output Faces-Steial Interfaces-Output Faces-Steial Interfaces-Output Faces-Output Faces-Steial Interfaces-Output Faces-Output Faces-Supplier Device Package8-SMD, Flat LeadSupplier Device Package8-SON (A) (2.9x2.8)	Manufacturer Part Number	S-8338ABGA-P8T1G
PMIC - Voltage Regulators - DC DC Switching ControllersPackage8-SMD, Flat LeadSeries-Output TypeTransistor DriverFunctionStep-UpOutput ConfigurationPositiveTopologyBoostNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)1.8 V ~ 6 VFrequency - Switching257.4 kHz ~ 1.134 MHzDuty Cycle (Max)88.5%Synchronous RectifierNoClock SyncNoSteil Interfaces-Control FeaturesCurrent Limit, Enable, Frequency ControlOperating Temperature-40°C ~ 85°C (TA)Package / Case8-SON (A) (2.9x2.8)	Manufacturer	SII Semiconductor Corporation
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 Sync.Control Features-Outpre Temperature-40°C ~ 85°C (TA)Package / Case8-SON (A) (2.9x2.8)	Category	Integrated Circuits (ICs)
Series-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 Features40°C ~ 85°C (TA)Package / Case8.SMID, Flat LeadSupplier Device Package8.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 VStrequency - Switching257.4kHz ~ 1.134MHzDuty Cycle (Max)88.5%Synchronous RectifierNoClock SyncNoStrial Interfaces-Output Faceage (Case40°C ~ 85°C (TA)Package / Case8-SON (A) (2.9x2.8)	Package	8-SMD, Flat Lead
FunctionStep-UpOutput ConfigurationPositiveTopologyBoostNumber of Outputs1Output Phases1Output 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 Temperature40°C ~ 85°C (TA)Package / Case8-SON (A) (2.9x2.8)	Series	-
Output ConfigurationPositiveTopologyBoostNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)1.8 V ~ 6 VFrequency - Switching257.4 kHz ~ 1.134 MHzDuty Cycle (Max)88.5%Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesCurrent Limit, Enable, Frequency ControlOperating Temperature4-0°C ~ 85°C (TA)Package / Case8-SON (A) (2.9x2.8)	Output Type	Transistor Driver
TopologyBoostNumber 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 Temperature40°C ~ 85°C (TA)Package / Case8-SMD, Flat LeadSupplier Device Package8-SON (A) (2.9x2.8)	Function	Step-Up
Number of Outputs1Output Phases1Output Phases1Voltage - Supply (Vcc/Vdd)1.8 V ~ 6 VFrequency - Switching257.4 kHz ~ 1.134 MHzDuty Cycle (Max)88.5%Synchronous RectifierNoClock SyncNoClock 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)	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 - Switching257.4kHz ~ 1.134MHzDuty Cycle (Max)88.5%Synchronous RectifierNoClock SyncNoClock 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)	Output Phases	1
Duty 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)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 6 V
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)	Frequency - Switching	257.4kHz ~ 1.134MHz
Clock 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)	Duty Cycle (Max)	88.5%
Serial 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)	Synchronous Rectifier	No
Control FeaturesCurrent Limit, Enable, Frequency ControlOperating Temperature-40°C ~ 85°C (TA)Package / Case8-SMD, Flat LeadSupplier Device Package8-SON (A) (2.9x2.8)	Clock Sync	No
Operating Temperature-40°C ~ 85°C (TA)Package / Case8-SMD, Flat LeadSupplier Device Package8-SON (A) (2.9x2.8)	Serial Interfaces	-
Package / Case8-SMD, Flat LeadSupplier Device Package8-SON (A) (2.9x2.8)	Control Features	Current Limit, Enable, Frequency Control
Supplier Device Package8-SON (A) (2.9x2.8)	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	8-SMD, Flat Lead
Report errors?	Supplier Device Package	8-SON (A) (2.9x2.8)
		Report errors?

S-8338ABGA-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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

S-8338ABGA-P8T1G Payment Methods



If you have any question about S-8338ABGA-P8T1G, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com