

S-8521D32MC-BXRT2G

S-8521D32MC-BXRT2G Information



For Reference Only

Part Number S-8521D32MC-BXRT2G Manufacturer SII Semiconductor Corporation

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Controllers

Description IC REG CTRLR BUCK SOT23-5

Package SC-74A, SOT-753

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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S-8521D32MC-BXRT2G Specifications

Manufacturer Part Number S-8521D32MC-BXRT2G Manufacturer SII Semiconductor Corporation Category Integrated Circuits (ICs) Package SC-74A, SOT-753 Series - Output Type Transistor Driver Function Step-Down Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1 Voltage - Supply (Vec/Vdd) 2.5 V ~ 16 V Frequency - Switching 60kHz Duty Cycle (Max) 100% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Enable Operating Temperature -40°C ~ 85°C (TA) Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Controllers Package SC-74A, SOT-753 Series - Output Type Transistor Driver Function Step-Down Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 16 V Frequency - Switching 60kHz Duty Cycle (Max) 100% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Enable Operating Temperature -40°C ~ 85°C (TA) Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Manufacturer Part Number	S-8521D32MC-BXRT2G
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Series - Output Type Transistor Driver Function Step-Down Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 16 V Frequency - Switching 60kHz Duty Cycle (Max) 100% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Enable Operating Temperature -40°C ~ 85°C (TA) Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5		PMIC - Voltage Regulators - DC DC Switching Controllers
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FunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)2.5 V ~ 16 VFrequency - Switching60kHzDuty Cycle (Max)100%Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesEnableOperating Temperature-40°C ~ 85°C (TA)Package / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Series	-
Output ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)2.5 V ~ 16 VFrequency - Switching60kHzDuty Cycle (Max)100%Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesEnableOperating Temperature-40°C ~ 85°C (TA)Package / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Output Type	Transistor Driver
Topology Buck Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) Frequency - Switching 60kHz Duty Cycle (Max) 100% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Departing Temperature -40°C ~ 85°C (TA) Package / Case SUPPlier Device Package SUT-23-5	Function	Step-Down
Number of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)2.5 V ~ 16 VFrequency - Switching60kHzDuty Cycle (Max)100%Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesEnableOperating Temperature-40°C ~ 85°C (TA)Package / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Output Configuration	Positive
Output Phases 1 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 16 V Frequency - Switching 60kHz Duty Cycle (Max) 100% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Enable Operating Temperature -40°C ~ 85°C (TA) Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Topology	Buck
Voltage - Supply (Vcc/Vdd)2.5 V ~ 16 VFrequency - Switching60kHzDuty Cycle (Max)100%Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesEnableOperating Temperature-40°C ~ 85°C (TA)Package / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Number of Outputs	1
Frequency - Switching 60kHz Duty Cycle (Max) 100% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Enable Operating Temperature -40°C ~ 85°C (TA) Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Output Phases	1
Duty Cycle (Max)100%Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesEnableOperating Temperature-40°C ~ 85°C (TA)Package / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 16 V
Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Enable Operating Temperature -40°C ~ 85°C (TA) Package / Case SC-74A, SOT-753 Supplier Device Package	Frequency - Switching	60kHz
Clock Sync No Serial Interfaces - Control Features Enable Operating Temperature -40°C ~ 85°C (TA) Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Duty Cycle (Max)	100%
Serial Interfaces - Control Features Enable Operating Temperature -40°C ~ 85°C (TA) Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Synchronous Rectifier	No
Control Features Enable Operating Temperature -40°C ~ 85°C (TA) Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Clock Sync	No
Operating Temperature-40°C ~ 85°C (TA)Package / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Serial Interfaces	-
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Control Features	Enable
Supplier Device Package SOT-23-5	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
	Package / Case	SC-74A, SOT-753
Report errors?	Supplier Device Package	SOT-23-5
		Report errors?

S-8521D32MC-BXRT2G Guarantees



Ouality 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-8521D32MC-BXRT2G Payment Methods



















S-8521D32MC-BXRT2G Shipping Methods













If you have any question about S-8521D32MC-BXRT2G, please do not hesitate to contact us!

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