

S-8520E52MC-BKLT2U

S-8520E52MC-BKLT2U Information



For Reference Only

Part NumberS-8520E52MC-BKLT2UManufacturerSII 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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S-8520E52MC-BKLT2U Specifications

Manufacturer Part Number \$-8520E52MC-BKLT2U Manufacturer SII Semiconductor Corporation Category Integrated Circuits (ICs) Package \$C-74A, SOT-753 Series - Output Type Transistor Driver Function \$tep-Down Output Configuration Positive Topology Buck Number of Outputs 1 Output Phases 1 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 10 V Frequency - Switching 300kHz Duty Cycle (Max) 100% Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Enable Operating Temperature -40°C ~ 85°C (TA) Package / Case \$C-74A, \$OT-753 Supplier Device Package \$OT-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 ~ 10 V Frequency - Switching 300kHz 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-8520E52MC-BKLT2U
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 ~ 10 V Frequency - Switching 300kHz 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	SII Semiconductor Corporation
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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 ~ 10 V Frequency - Switching 300kHz 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
Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd) $2.5 \text{ V} \sim 10 \text{ V}$ Frequency - Switching 300kHz Duty Cycle (Max) 100% Synchronous RectifierNoClock SyncNoSerial Interfaces-Control FeaturesEnableOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} (\text{TA})$ Package / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Package	SC-74A, SOT-753
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)2.5 V ~ 10 VFrequency - Switching300kHzDuty 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 ~ 10 VFrequency - Switching300kHzDuty 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 300kHz Duty Cycle (Max) 100% Synchronous Rectifier No Clock Sync 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 ~ 10 VFrequency - Switching300kHzDuty 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 ~ 10 V Frequency - Switching 300kHz 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 ~ 10 VFrequency - Switching300kHzDuty 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 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) Synchronous Rectifier No Clock Sync No Serial Interfaces - Control Features Enable Operating Temperature -40°C ~ 85°C (TA) Package / Case SUpplier Device Package SOT-23-5	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 10 V
Synchronous Rectifier 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	Frequency - Switching	300kHz
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 / Case SC-74A, SOT-753 Supplier Device Package SOT-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°C ~ 85°C (TA)
	Package / Case	SC-74A, SOT-753
Report errors?	Supplier Device Package	SOT-23-5
		Report errors?

S-8520E52MC-BKLT2U 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-8520E52MC-BKLT2U Payment Methods



















S-8520E52MC-BKLT2U Shipping Methods













If you have any question about S-8520E52MC-BKLT2U, please do not hesitate to contact us!

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