

## **S-8521C29MC-BTOT2G**

### S-8521C29MC-BTOT2G Information



For Reference Only

Part Number S-8521C29MC-BTOT2G

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-8521C29MC-BTOT2G Specifications

Manufacturer Part Number         \$-8521C29MC-BTOT2G           Manufacturer         \$II 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         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         \$C-74A, SOT-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         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-8521C29MC-BTOT2G
PackagePMIC - Voltage Regulators - DC DC Switching ControllersPackageSC-74A, SOT-753Series-Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)2.5 V ~ 10 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	Manufacturer	SII Semiconductor Corporation
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Series-Output TypeTransistor DriverFunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)2.5 V ~ 10 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		PMIC - Voltage Regulators - DC DC Switching Controllers
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FunctionStep-DownOutput ConfigurationPositiveTopologyBuckNumber of Outputs1Output Phases1Voltage - Supply (Vcc/Vdd)2.5 V ~ 10 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 ~ 10 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  Number of Outputs  1 Output Phases  1 Voltage - Supply (Vcc/Vdd)  Frequency - Switching  60kHz  Duty Cycle (Max)  100%  Synchronous Rectifier  No  Clock Sync  Serial Interfaces  - Control Features  Operating Temperature  -40°C ~ 85°C (TA)  Package / Case  SUpplier Device Package  SUT-23-5	Function	Step-Down
Number of Outputs  Output Phases  1  Voltage - Supply (Vcc/Vdd)  Frequency - Switching  Output Cycle (Max)  Duty Cycle (Max)  Synchronous Rectifier  No  Clock Sync  No  Serial Interfaces  -  Control Features  Deprating Temperature  -40°C ~ 85°C (TA)  Package / Case  SUPplier Device Package  SOT-23-5	Output Configuration	Positive
Output Phases  1 Voltage - Supply (Vcc/Vdd)  2.5 V ~ 10 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  SUpplier Device Package  SOT-23-5	Topology	Buck
Voltage - Supply (Vcc/Vdd)2.5 V ~ 10 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  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	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	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 $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (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	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
	Package / Case	SC-74A, SOT-753
Report errors?	Supplier Device Package	SOT-23-5
•		Report errors?

#### S-8521C29MC-BTOT2G 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-8521C29MC-BTOT2G Payment Methods



















### S-8521C29MC-BTOT2G Shipping Methods













If you have any question about S-8521C29MC-BTOT2G, please do not hesitate to contact us!

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