

LM2599SX-12 Information



For Reference Only

Part Number LM2599SX-12

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Regulators

Description IC REG BUCK 12V 3A TO263-7

Package TO-263-8, D2Pak (7 Leads + Tab), TO-263CA

For the pricing/inventory/lead time, please contact

us

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



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LM2599SX-12 Specifications

Manufacturer Part Number LM2599SX-12 Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Voltage Regulators - DC DC Switching Regulators Package TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Series SIMPLE SWITCHER? Function Step-Down Output Configuration Positive Topology Buck Output Type Fixed Number of Outputs 1 Voltage - Input (Min) 4.5V Voltage - Input (Max) 40V Voltage - Output (Max) - Voltage - Output (Max) - Voltage - Output (Max) - Vorenter - Output 3A Frequency - Switching 150kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	•	
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PackageTO-263-8, D2Pak (7 Leads + Tab), TO-263CASeriesSIMPLE SWITCHER?FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)12VVoltage - Output (Max)-Current - Output3AFrequency - Switching150kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Category	Integrated Circuits (ICs)
Series SIMPLE SWITCHER? Function Step-Down Output Configuration Positive Topology Buck Output Type Fixed Number of Outputs 1 Voltage - Input (Min) 4.5V Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Current - Output 3A Frequency - Switching 150kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionStep-DownOutput ConfigurationPositiveTopologyBuckOutput TypeFixedNumber of Outputs1Voltage - Input (Min)4.5VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)12VVoltage - Output (Max)-Current - Output3AFrequency - Switching150kHzSynchronous RectifierNoOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-263-8, D2Pak (7 Leads + Tab), TO-263CASupplier Device PackageDDPAK/TO-263-7	Package	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA
Output Configuration Positive Topology Buck Output Type Fixed Number of Outputs 1 Voltage - Input (Min) 4.5V Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Current - Output 3A Frequency - Switching 150kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package Dupat (Max) 150kHz	Series	SIMPLE SWITCHER?
Topology Buck Output Type Fixed Number of Outputs 1 Voltage - Input (Min) 4.5V Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Current - Output 3A Frequency - Switching 150kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Function	Step-Down
Output Type Fixed Number of Outputs 1 Voltage - Input (Min) 4.5V Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Current - Output (Max) - Current - Output 3A Frequency - Switching 150kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Output Configuration	Positive
Number of Outputs Voltage - Input (Min) 4.5V Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) - Current - Output 3A Frequency - Switching 150kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Topology	Buck
Voltage - Input (Min) Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Current - Output 3A Frequency - Switching 150kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Output Type	Fixed
Voltage - Input (Max) Voltage - Output (Min/Fixed) 12V Voltage - Output (Max) - Current - Output 3A Frequency - Switching 150kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Number of Outputs	1
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Current - Output 3A Frequency - Switching 150kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Voltage - Input (Min)	4.5V
Voltage - Output (Max) Current - Output 3A Frequency - Switching 150kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Voltage - Input (Max)	40V
Current - Output 3A Frequency - Switching 150kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Voltage - Output (Min/Fixed)	12V
Frequency - Switching 150kHz Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Voltage - Output (Max)	-
Synchronous Rectifier No Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Current - Output	3A
Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Frequency - Switching	150kHz
Mounting Type Surface Mount Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Synchronous Rectifier	No
Package / Case TO-263-8, D2Pak (7 Leads + Tab), TO-263CA Supplier Device Package DDPAK/TO-263-7	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package DDPAK/TO-263-7	Mounting Type	Surface Mount
	Package / Case	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA
Report errors?	Supplier Device Package	DDPAK/TO-263-7
Report errors.		Report errors?

LM2599SX-12 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.

LM2599SX-12 Payment Methods



















LM2599SX-12 Shipping Methods













If you have any question about LM2599SX-12, please do not hesitate to contact us!

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