



LTC1044MJ8 Information

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For Reference Only

Part Number LTC1044MJ8

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Regulators

Description IC REG BUCK ADJ

Package -

For the pricing/inventory/lead time, please contact

us

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



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LTC1044MJ8 Specifications

Manufacturer Part Number LTC1044MJ8 Manufacturer Linear Technology Category Integrated Circuits (ICs) Package - Series - Function Ratiometric Output Configuration Positive or Negative Topology Charge Pump Output Type Fixed Number of Outputs 1 Voltage - Input (Min) 1.5V Voltage - Input (Min) 9V Voltage - Output (Min/Fixed) -Vin, 2Vin, Vin/2 Voltage - Output (Min/Fixed) -Vin, 2Vin, Vin/2 Voltage - Output (Max) - Current - Output 20mA Frequency - Switching 1kHz ~ 5kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case - Supplier Device Package -	*	
Category Integrated Circuits (ICs) PACKAGE - Series - Function Ratiometric Output Configuration Positive or Negative Topology Charge Pump Output Type Fixed Number of Outputs 1 Voltage - Input (Min) 1.5V Voltage - Input (Max) 9V Voltage - Output (Min/Fixed) -Vin, 2Vin, Vin/2 Voltage - Output (Max) - Current - Output 20mA Frequency - Switching 1kHz ~ 5kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case - Supplier Device Package -	Manufacturer Part Number	LTC1044MJ8
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Package - Series - Function Ratiometric Output Configuration Positive or Negative Topology Charge Pump Output Type Fixed Number of Outputs 1 Voltage - Input (Min) 1.5V Voltage - Input (Max) 9V Voltage - Output (Min/Fixed) -Vin, 2Vin, Vin/2 Voltage - Output (Max) - Current - Output 20mA Frequency - Switching 1kHz ~ 5kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case - Supplier Device Package -	Category	Integrated Circuits (ICs)
Series-FunctionRatiometricOutput ConfigurationPositive or NegativeTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)1.5VVoltage - Input (Max)9VVoltage - Output (Min/Fixed)-Vin, 2Vin, Vin/2Voltage - Output (Max)-Current - Output20mAFrequency - Switching1kHz ~ 5kHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-		PMIC - Voltage Regulators - DC DC Switching Regulators
FunctionRatiometricOutput ConfigurationPositive or NegativeTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)1.5VVoltage - Input (Max)9VVoltage - Output (Min/Fixed)-Vin, 2Vin, Vin/2Voltage - Output (Max)-Current - Output20mAFrequency - Switching1kHz ~ 5kHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Package	-
Output ConfigurationPositive or NegativeTopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)1.5VVoltage - Input (Max)9VVoltage - Output (Min/Fixed)-Vin, 2Vin, Vin/2Voltage - Output (Max)-Current - Output20mAFrequency - Switching1kHz ~ 5kHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Series	-
TopologyCharge PumpOutput TypeFixedNumber of Outputs1Voltage - Input (Min)1.5VVoltage - Input (Max)9VVoltage - Output (Min/Fixed)-Vin, 2Vin, Vin/2Voltage - Output (Max)-Current - Output20mAFrequency - Switching1kHz ~ 5kHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Function	Ratiometric
Output TypeFixedNumber of Outputs1Voltage - Input (Min)1.5VVoltage - Input (Max)9VVoltage - Output (Min/Fixed)-Vin, 2Vin, Vin/2Voltage - Output (Max)-Current - Output20mAFrequency - Switching1kHz ~ 5kHzSynchronous RectifierNoOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case-Supplier Device Package-	Output Configuration	Positive or Negative
Number of Outputs Voltage - Input (Min) 1.5V Voltage - Input (Max) 9V Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) - Current - Output 20mA Frequency - Switching 1kHz ~ 5kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case Supplier Device Package - Current - Output	Topology	Charge Pump
Voltage - Input (Min) Voltage - Input (Max) 9V Voltage - Output (Min/Fixed) -Vin, 2Vin, Vin/2 Voltage - Output (Max) -Current - Output 20mA Frequency - Switching 1kHz ~ 5kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type Package / Case Supplier Device Package -	Output Type	Fixed
Voltage - Input (Max) Voltage - Output (Min/Fixed) -Vin, 2Vin, Vin/2 Voltage - Output (Max) - Current - Output 20mA Frequency - Switching 1kHz ~ 5kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package - Voltage - Output (Max) - Vin, 2Vin, Vin/2 - Vin	Number of Outputs	1
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Current - Output 20mA Frequency - Switching 1kHz ~ 5kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package - Vin, 2Vin, Vin/2 - Vin, Vin/2	Voltage - Input (Min)	1.5V
Voltage - Output (Max) Current - Output 20mA Frequency - Switching 1kHz ~ 5kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package -	Voltage - Input (Max)	9V
Current - Output 20mA Frequency - Switching 1kHz ~ 5kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case - Supplier Device Package -	Voltage - Output (Min/Fixed)	-Vin, 2Vin, Vin/2
Frequency - Switching 1kHz ~ 5kHz Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package - 1kHz ~ 5kHz No - -40°C ~ 85°C (TA) - - - - - - - - - - - - -	Voltage - Output (Max)	-
Synchronous Rectifier No Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package -	Current - Output	20mA
Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case - Supplier Device Package -	Frequency - Switching	1kHz ~ 5kHz
Mounting Type - Package / Case - Supplier Device Package -	Synchronous Rectifier	No
Package / Case - Supplier Device Package -	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package -	Mounting Type	-
	Package / Case	-
Report errors?	Supplier Device Package	-
		Report errors?

LTC1044MJ8 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.

LTC1044MJ8 Payment Methods



















LTC1044MJ8 Shipping Methods













If you have any question about LTC1044MJ8, please do not hesitate to contact us!

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