

BD50GA3MEFJ-LBH2

BD50GA3MEFJ-LBH2 Information



For Reference Only

Part NumberBD50GA3MEFJ-LBH2ManufacturerRohm SemiconductorCategoryIntegrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 5V 300MA 8HTSOP-J **Package** 8-SOIC (0.154", 3.90mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









BD50GA3MEFJ-LBH2 Specifications

Manufacturer Part Number BD50GA3MEFJ-LBH2 Manufacturer Rohm Semiconductor Category Integrated Circuits (ICs) Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 14V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 1.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 1.2mA PSRR - Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HTSOP-J	•	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 14V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 1.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 1.2mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HTSOP-J	Manufacturer Part Number	BD50GA3MEFJ-LBH2
Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 14V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 1.2V @ 300mA Current - Output Output (Min/Fixed) - Current - Supply (Max) 1.2mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HTSOP-J	Manufacturer	Rohm Semiconductor
Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 14V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 1.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 1.2mA PSRR - Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HTSOP-J	Category	Integrated Circuits (ICs)
Series - Cutput Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 14V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage - Output (Max) 1.2V @ 300mA Current - Output (Max) 300mA Current - Quiescent (Iq) - Current - Supply (Max) 1.2mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HTSOP-J		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)14VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)1.2V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)1.2mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 105°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 14V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 1.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 1.2mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HTSOP-J	Series	-
Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 1.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 1.2mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 1.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 1.2mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 1.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 1.2mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 1.2V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 1.2mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Voltage - Input (Max)	14V
Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package 1.2V @ 300mA 1.2mA 1.2mA	Voltage - Output (Min/Fixed)	5V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features Protection Features Operating Temperature Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 1.2mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Voltage Dropout (Max)	1.2V @ 300mA
Current - Supply (Max) 1.2mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Current - Output	300mA
PSRR - Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HTSOP-J	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package	Current - Supply (Max)	1.2mA
Protection Features Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HTSOP-J	PSRR	-
Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HTSOP-J	Control Features	Enable
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HTSOP-J	Protection Features	Over Current, Over Temperature
Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HTSOP-J	Operating Temperature	-40°C ~ 105°C
Supplier Device Package 8-HTSOP-J	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Report errors?	Supplier Device Package	8-HTSOP-J
		Report errors?

BD50GA3MEFJ-LBH2 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.

BD50GA3MEFJ-LBH2 Payment Methods



















BD50GA3MEFJ-LBH2 Shipping Methods













If you have any question about BD50GA3MEFJ-LBH2, please do not hesitate to contact us!

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