

BD450M2EFJ-CE2

BD450M2EFJ-CE2 Information

WWWWIElsudman	 BD450M2EFJ-CE2 Rohm Semiconductor Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR 5V 200MA 8HTSOP-J 8-SOIC (0.154", 3.90mm Width) Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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BD450M2EFJ-CE2 Specifications

ManufacturerRohm SemiconductorCategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackage8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Max)-Voltage - Output (Max)0.35V @ 100mACurrent - Output200mACurrent - Output90µA ~ 150µACurrent - Supply (Max)-PSRR65dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 150°CMounting TypeSaVGI (0.154", 3.90mm Width) Exposed PadPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed Pad		
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Package8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.35V @ 100mACurrent - Output200mACurrent - Output (Max)90µA ~ 150µACurrent - Supply (Max)65dB (120Hz)Control Features-Protection Features-Protection Features-Operating Temperature40°C ~ 150°CMounting TypeSufface MountPackage / Case8-KJISOP-JSupplier Device Package8-HISOP-J	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)5VVoltage - Output (Max).Voltage - Output (Max)0.35V @ 100mAVoltage Dropout (Max)0.35V @ 100mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)90μA ~ 150μAPSRR65dB (120Hz)Control Features-Protection Features-Operating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.35V @ 100mAVoltage Dropout (Max)200mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)90μA ~ 150μAPSRR65dB (120Hz)Control Features-Protection Features0ver Current, Over TemperatureOperating Temperature40°C ~ 150°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
Process Fixed Number of Regulators 1 Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.35V @ 100mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 90µA ~ 150µA PSRR 65dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 150°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 Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 100mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)90µA ~ 150µAPSRR65dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 150°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Output Configuration	Positive
Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.35V @ 100mA Current - Output 200mA Current - Quiescent (Iq) - Current - Supply (Max) 90μA ~ 150μA PSRR 65dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 150°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HTSOP-J	Output Type	Fixed
Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 100mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)90μA ~ 150μAPSRR65dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.35V @ 100mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)90μA ~ 150μAPSRR65dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Voltage - Input (Max)	42V
Voltage Dropout (Max)0.35V @ 100mACurrent - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)90μA ~ 150μAPSRR65dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Voltage - Output (Min/Fixed)	5V
Current - Output200mACurrent - Quiescent (Iq)-Current - Supply (Max)90μA ~ 150μAPSRR65dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)90μA ~ 150μAPSRR65dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Voltage Dropout (Max)	0.35V @ 100mA
Current - Supply (Max)90μA ~ 150μAPSRR65dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Current - Output	200mA
PSRR65dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Current - Quiescent (Iq)	-
Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Current - Supply (Max)	90μA ~ 150μA
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	PSRR	65dB (120Hz)
Operating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Control Features	-
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Protection Features	Over Current, Over Temperature
Package / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HTSOP-J	Operating Temperature	-40°C ~ 150°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?

BD450M2EFJ-CE2 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

BD450M2EFJ-CE2 Payment Methods



BD450M2EFJ-CE2 Shipping Methods



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