



BD18KA5WF-E2 Information



For Reference Only

Part Number BD18KA5WF-E2
Manufacturer Rohm Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.8V 500MA 8SOP **Package** 8-SOIC (0.173", 4.40mm Width)

For the pricing/inventory/lead time, please contact

us

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



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BD18KA5WF-E2 Specifications

Manufacturer Part Number BD18KASWF-E2 Manufacturer Rohm Semiconductor Category Integrated Circuits (ICs) Package 8-SOIC (0.173", 4.40mm Width) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 0.35mA ~ 0.55mA PSRR 50dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.173", 4.40mm Width) Supplier Device Package 8-SOP	•	
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Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 50dB (120Hz) Control Features Protection Features Over Current, Over Temperature Operating Temperature Mounting Type Surface Mount Package / Case 8-SOIC (0.173", 4.40mm Width) Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 50dB (120Hz) Control Features Enable Protection Features Operating Temperature Operating Temperature Operating Type Surface Mount Package / Case 8-SOIC (0.173", 4.40mm Width) Supplier Device Package	Voltage - Input (Max)	5.5V
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Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 0.35mA ~ 0.55mA PSRR 50dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.173", 4.40mm Width) Supplier Device Package	Voltage - Output (Max)	-
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Current - Supply (Max) PSRR 50dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.173", 4.40mm Width) Supplier Device Package	Current - Output	500mA
PSRR 50dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.173", 4.40mm Width) Supplier Device Package 8-SOP	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.173", 4.40mm Width) Supplier Device Package	Current - Supply (Max)	$0.35 \text{mA} \sim 0.55 \text{mA}$
Protection Features Over Current, Over Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$ Mounting Type Surface Mount $ \text{Package / Case} $ 8-SOIC $(0.173^{\circ}\text{, 4.40mm Width}) $ Supplier Device Package	PSRR	50dB (120Hz)
Operating Temperature -40°C ~ 105°C Mounting Type Surface Mount Package / Case 8-SOIC (0.173", 4.40mm Width) Supplier Device Package 8-SOP	Control Features	Enable
Mounting Type Surface Mount Package / Case 8-SOIC (0.173", 4.40mm Width) Supplier Device Package 8-SOP	Protection Features	Over Current, Over Temperature
Package / Case 8-SOIC (0.173", 4.40mm Width) Supplier Device Package 8-SOP	Operating Temperature	-40°C ~ 105°C
Supplier Device Package 8-SOP	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.173", 4.40mm Width)
Report errors?	Supplier Device Package	8-SOP
		Report errors?

BD18KA5WF-E2 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.

BD18KA5WF-E2 Payment Methods



















BD18KA5WF-E2 Shipping Methods













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