

BD18IC0WHFV-GTR

BD18IC0WHFV-GTR Information



For Reference Only

Part Number BD18IC0WHFV-GTR
Manufacturer Rohm Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LINEAR 1.8V 1A 6HVSOF**Package**6-SMD, Flat Lead Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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BD18IC0WHFV-GTR Specifications

Manufacturer Part Number BD18ICOWHFV-GTR Manufacturer Rohm Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 6-SMD, Flat Lead Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5 V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) 0.6V @ 1A Current - Output 1.A Current - Quiescent (Iq) - Current - Supply (Max) 0.25mA ~ 0.5mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad Supplier Device Package 6-HVSOF		
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Package 6-SMD, Flat Lead Exposed Pad 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) 0.6V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 0.25mA ~ 0.5mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad	Manufacturer	Rohm Semiconductor
Package 6-SMD, Flat Lead Exposed Pad 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) 0.6V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 0.25mA ~ 0.5mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad	Category	Integrated Circuits (ICs)
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) 0.6V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 0.25mA ~ 0.5mA PSRR - Control Features Over Current, Over Temperature, Soft Start Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)0.25mA ~ 0.5mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft StartOperating Temperature-25°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed Pad	Package	6-SMD, Flat Lead Exposed Pad
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5 VVoltage - Output (Min/Fixed)1.8 VVoltage - Output (Max)-Voltage Dropout (Max)0.6 V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)0.25mA ~ 0.5mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft StartOperating Temperature-25°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed Pad	Series	-
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 0.25mA ~ 0.5mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 0.25mA ~ 0.5mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 5.5V 1.8V 1.8V	Output Type	Fixed
Voltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)0.25mA ~ 0.5mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Soft StartOperating Temperature-25°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed Pad	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 0.6V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Protection Features Over Current, Over Temperature, Soft Start Operating Temperature Package / Case 6-SMD, Flat Lead Exposed Pad	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Protection Features Operating Temperature Package / Case 0.6V @ 1A 1A 0.6V @ 1A 1A - Current - Supply (Max) - Control Features Posser - Control Features Over Current, Over Temperature, Soft Start -25°C ~ 85°C Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad	Voltage - Output (Min/Fixed)	1.8V
Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 0.25mA ~ 0.5mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 0.25mA ~ 0.5mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad	Voltage Dropout (Max)	0.6V @ 1A
Current - Supply (Max) PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad	Current - Output	1A
PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Soft Start Operating Temperature -25°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature, Soft Start -25°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad	Current - Supply (Max)	0.25 mA ~ 0.5 mA
Protection Features Over Current, Over Temperature, Soft Start -25°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad	PSRR	-
Operating Temperature $ -25^{\circ}\text{C} \sim 85^{\circ}\text{C} $ Mounting Type $ \text{Surface Mount} $ Package / Case $ 6\text{-SMD, Flat Lead Exposed Pad} $	Control Features	Enable
Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad	Protection Features	Over Current, Over Temperature, Soft Start
Package / Case 6-SMD, Flat Lead Exposed Pad	Operating Temperature	-25°C ~ 85°C
	Mounting Type	Surface Mount
Supplier Device Package 6-HVSOF	Package / Case	6-SMD, Flat Lead Exposed Pad
	Supplier Device Package	6-HVSOF
Report errors?		Report errors?

BD18IC0WHFV-GTR 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.

BD18IC0WHFV-GTR Payment Methods



















BD18IC0WHFV-GTR Shipping Methods













If you have any question about BD18IC0WHFV-GTR, please do not hesitate to contact us!

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