



RT9018B-25GQW Information



For Reference Only

Part Number RT9018B-25GQW **Manufacturer** Richtek USA Inc.

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR POS ADJ 3A 10FN

Package 10-WFDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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RT9018B-25GQW Specifications

Manufacturer Part Number Manufacturer Richtek USA Inc. Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 10-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features Protection Features Over Current, Over Temperature		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 10-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) Uurrent - Output 3A Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Manufacturer Part Number	RT9018B-25GQW
PMIC - Voltage Regulators - Linear Package Series Output Configuration Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) S.15V Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) Current - Supply (Max) PSRR Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Manufacturer	Richtek USA Inc.
Package 10-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.8V (2.5V) Voltage - Output (Max) 5.15V Voltage Dropout (Max) 0.35V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 1.2mA PSRR - Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Category	Integrated Circuits (ICs)
Series Output Configuration Positive Output Type Adjustable (Fixed) Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) Current - Supply (Max) PSRR Control Features Enable, Power Good Protection Features Over Current, Over Temperature		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Package	10-WFDFN Exposed Pad
Output Type Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) 5.5V Voltage - Output (Max) 5.15V Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Series	-
Number of Regulators Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) Voltage - Output (Max) 5.15V Voltage Dropout (Max) Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) 5.15V Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Output Type	Adjustable (Fixed)
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq)	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 0.35V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Voltage - Output (Min/Fixed)	0.8V (2.5V)
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Voltage - Output (Max)	5.15V
Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Voltage Dropout (Max)	0.35V @ 3A
Current - Supply (Max) PSRR - Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Current - Output	3A
PSRR - Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Current - Quiescent (Iq)	-
Control Features Enable, Power Good Protection Features Over Current, Over Temperature	Current - Supply (Max)	1.2mA
Protection Features Over Current, Over Temperature	PSRR	-
•	Control Features	Enable, Power Good
	Protection Features	Over Current, Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 10-WFDFN Exposed Pad	Package / Case	10-WFDFN Exposed Pad
Supplier Device Package 10-WDFN (3x3)	Supplier Device Package	10-WDFN (3x3)
Report errors		Report errors?

RT9018B-25GQW 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.

RT9018B-25GQW Payment Methods



















RT9018B-25GQW Shipping Methods













If you have any question about RT9018B-25GQW, please do not hesitate to contact us!

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