

**RT9042-25GSP Information**


For Reference Only

**Part Number** [RT9042-25GSP](#)  
**Manufacturer** Richtek USA Inc.  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - Linear](#)  
**Description** IC REG LINEAR POS ADJ 3A 8SOP  
**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](mailto:salesdept@heisener.com)


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**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.


**RT9042-25GSP Specifications**

Manufacturer Part Number	<a href="#">RT9042-25GSP</a>
Manufacturer	Richtek USA Inc.
Category	Integrated Circuits (ICs) <a href="#">PMIC - Voltage Regulators - Linear</a>
Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Series	-
Output Configuration	Positive
Output Type	Adjustable (Fixed)
Number of Regulators	1
Voltage - Input (Max)	5V
Voltage - Output (Min/Fixed)	0.8V (2.5V)
Voltage - Output (Max)	5V
Voltage Dropout (Max)	0.3V @ 2A
Current - Output	3A
Current - Quiescent (Iq)	-
Current - Supply (Max)	1.2mA
PSRR	-
Control Features	Enable, Power Good
Protection Features	Over Current, Over Temperature
Operating Temperature	-40°C ~ 85°C
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Supplier Device Package	8-SOP-EP

[Report errors?](#)

## RT9042-25GSP 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.

## RT9042-25GSP Payment Methods



## RT9042-25GSP Shipping Methods



If you have any question about RT9042-25GSP, please do not hesitate to contact us!

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