

**TPS54540BQDDARQ1 Information**


For Reference Only

**Part Number** [TPS54540BQDDARQ1](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Regulators](#)  
**Description** IC REG BUCK SPLT ADJ 5A 8PWR SOIC  
**Package** 8-PowerSOIC (0.154", 3.90mm Width)  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


[Request a Quote](#)
**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.


**TPS54540BQDDARQ1 Specifications**

Manufacturer Part Number	<a href="#">TPS54540BQDDARQ1</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">PMIC - Voltage Regulators - DC DC Switching Regulators</a>
Package	8-PowerSOIC (0.154", 3.90mm Width)
Series	Automotive, AEC-Q100, Eco-Mode?
Function	Step-Down
Output Configuration	Positive
Topology	Buck, Split Rail
Output Type	Adjustable
Number of Outputs	1
Voltage - Input (Min)	4.5V
Voltage - Input (Max)	42V
Voltage - Output (Min/Fixed)	0.8V
Voltage - Output (Max)	41.1V
Current - Output	5A
Frequency - Switching	100kHz ~ 2.5MHz
Synchronous Rectifier	No
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount
Package / Case	8-PowerSOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SO PowerPad

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## TPS54540BQDDARQ1 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.

## TPS54540BQDDARQ1 Payment Methods



## TPS54540BQDDARQ1 Shipping Methods



If you have any question about TPS54540BQDDARQ1, please do not hesitate to contact us!

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E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)