



# **TPS54540QDDARQ1 Information**



For Reference Only

Part Number TPS54540QDDARQ1
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Regulators

**Description** IC REG BUCK SPLIT RAIL 8SOPWRPAD **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



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.









# **TPS54540QDDARQ1 Specifications**

Manufacturer Part Number	TPS54540QDDARQ1
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs)
	PMIC - Voltage Regulators - DC DC Switching Regulators
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	$-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$
Mounting Type	Surface Mount
Package / Case	8-PowerSOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SO PowerPad
	Report errors?

## **TPS54540QDDARQ1** 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.

### **TPS54540QDDARQ1** Payment Methods



















## **TPS54540QDDARQ1** Shipping Methods













If you have any question about TPS54540QDDARQ1, please do not hesitate to contact us!

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