

**TPS53632GRSMT Information**


For Reference Only

**Part Number** [TPS53632GRSMT](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[PMIC - Voltage Regulators - DC DC Switching Controllers](#)  
**Description** IC REG CTRLR HALF-BRIDGE 32VQFN  
**Package** 32-VFQFN 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)



[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.


**TPS53632GRSMT Specifications**

Manufacturer Part Number	<a href="#">TPS53632GRSMT</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">PMIC - Voltage Regulators - DC DC Switching Controllers</a>
Package	32-VFQFN Exposed Pad
Series	D-CAP+?
Output Type	PWM Signal
Function	Step-Up/Step-Down
Output Configuration	Positive
Topology	Half-Bridge
Number of Outputs	2
Output Phases	2
Voltage - Supply (Vcc/Vdd)	3.1 V ~ 28 V
Frequency - Switching	100kHz ~ 1MHz
Duty Cycle (Max)	-
Synchronous Rectifier	Yes
Clock Sync	No
Serial Interfaces	I2C
Control Features	Enable, Frequency Control, Power Good, Pulse Skipping, Ramp, Slew Control
Operating Temperature	-10°C ~ 105°C (TA)
Package / Case	32-VFQFN Exposed Pad
Supplier Device Package	32-VQFN (4x4)

[Report errors?](#)

## TPS53632GRSMT 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.

## TPS53632GRSMT Payment Methods



## TPS53632GRSMT Shipping Methods



If you have any question about TPS53632GRSMT, please do not hesitate to contact us!

Website: <https://www.heisener.com>

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