

**TPS2505B1RGWR Information**


For Reference Only

**Part Number** [TPS2505B1RGWR](#)  
**Manufacturer** Texas Instruments  
**Category** Integrated Circuits (ICs)  
[PMIC - Power Distribution Switches, Load Drivers](#)  
**Description** IC USB PWR SW BOOST CONV 20VQFN  
**Package** 20-VQFN 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.


**TPS2505B1RGWR Specifications**

Manufacturer Part Number	<a href="#">TPS2505B1RGWR</a>
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) <a href="#">PMIC - Power Distribution Switches, Load Drivers</a>
Package	20-VQFN Exposed Pad
Series	-
Switch Type	USB Switch
Number of Outputs	3
Ratio - Input:Output	1:3
Output Configuration	High Side or Low Side
Output Type	N/P-Channel
Interface	Logic
Voltage - Load	1.8 V ~ 5.25 V
Voltage - Supply (Vcc/Vdd)	Not Required
Current - Output (Max)	1.1A
Rds On (Typ)	80 mOhm (Max)
Input Type	Non-Inverting
Features	Boost Converter, Status Flag
Fault Protection	Current Limiting (Adjustable), Over Temperature, UVLO
Operating Temperature	-40°C ~ 125°C (TJ)
Package / Case	20-VQFN Exposed Pad
Supplier Device Package	20-VQFN (5x5)

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## TPS2505B1RGWR 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.

## TPS2505B1RGWR Payment Methods



## TPS2505B1RGWR Shipping Methods



If you have any question about TPS2505B1RGWR, please do not hesitate to contact us!

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