



#### **TPS53315RGFR Information**



For Reference Only

Part Number TPS53315RGFR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - DC DC Switching

Regulators

**Description** IC REG BUCK ADJ 12A SYNC 40VQFN

Package 40-VFQFN Exposed Pad

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.









# **TPS53315RGFR Specifications**

| Manufacturer Part Number     | TPS53315RGFR   |
|------------------------------|--|
| Manufacturer                 | Texas Instruments  |
| Category                     | Integrated Circuits (ICs)                                  |
|                              | PMIC - Voltage Regulators - DC DC Switching Regulators     |
| Package                      | 40-VFQFN Exposed Pad                                       |
| Series                       | D-CAP?, Eco-Mode?  |
| Function                     | Step-Down  |
| Output Configuration         | Positive   |
| Topology                     | Buck   |
| Output Type                  | Adjustable   |
| Number of Outputs            | 1  |
| Voltage - Input (Min)        | 3V   |
| Voltage - Input (Max)        | 15V  |
| Voltage - Output (Min/Fixed) | 0.6V   |
| Voltage - Output (Max)       | 5.5V   |
| Current - Output             | 12A  |
| Frequency - Switching        | 250kHz ~ 1MHz  |
| Synchronous Rectifier        | Yes  |
| Operating Temperature        | $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ |
| Mounting Type                | Surface Mount  |
| Package / Case               | 40-VFQFN Exposed Pad                                       |
| Supplier Device Package      | 40-VQFN Exposed Pad (5x7)                                  |
|                              | Report errors?   |

### **TPS53315RGFR 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.

## **TPS53315RGFR Payment Methods**



















## **TPS53315RGFR Shipping Methods**













If you have any question about TPS53315RGFR, please do not hesitate to contact us!

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