



# **RT9712DGF Information**



For Reference Only

Part Number RT9712DGF
Manufacturer Richtek USA Inc.
Category Integrated Circuits

Integrated Circuits (ICs)
PMIC - Power Distribution Switches, Load Drivers

**Description** IC PWR SWITCH USB 1A 8MSOP

Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

For the pricing/inventory/lead time, please contact

us

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



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# **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.









# **RT9712DGF Specifications**

| Manufacturer Part Number   | RT9712DGF   |                |
|----------------------------|---|----------------|
| Manufacturer               | Richtek USA Inc.  |                |
| Category                   | Integrated Circuits (ICs)   |                |
|                            | PMIC - Power Distribution Switches, Load Drivers                  |                |
| Package                    | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                            |                |
| Series                     | -   |                |
| Switch Type                | General Purpose   |                |
| Number of Outputs          | 2   |                |
| Ratio - Input:Output       | 1:1   |                |
| Output Configuration       | High Side   |                |
| Output Type                | N-Channel   |                |
| Interface                  | On/Off  |                |
| Voltage - Load             | 2.7 V ~ 5.5 V   |                |
| Voltage - Supply (Vcc/Vdd) | Not Required  |                |
| Current - Output (Max)     | 1.1A  |                |
| Rds On (Typ)               | 90 mOhm   |                |
| Input Type                 | Non-Inverting   |                |
| Features                   | Status Flag   |                |
| Fault Protection           | Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO |                |
| Operating Temperature      | $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)}$                |                |
| Package / Case             | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                            |                |
| Supplier Device Package    | 8-MSOP  |                |
|                            |   | Report errors? |

### **RT9712DGF 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.

## **RT9712DGF Payment Methods**



















## **RT9712DGF Shipping Methods**













If you have any question about RT9712DGF, please do not hesitate to contact us!

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