



#### **RT9742BNGJ5F Information**



For Reference Only

Part Number RT9742BNGJ5F
Manufacturer Richtek USA Inc.
Category Integrated Circuits

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

**Description** IC USB POWER SWITCH TSOT23-5

Package SOT-23-5 Thin, TSOT-23-5

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.









# **RT9742BNGJ5F Specifications**

Manufacturer Part Number	RT9742BNGJ5F	
Manufacturer	Richtek USA Inc.	
Category	Integrated Circuits (ICs)	
	PMIC - Power Distribution Switches, Load Drivers	
Package	SOT-23-5 Thin, TSOT-23-5	
Series	-	
Switch Type	USB Switch	
Number of Outputs	1	
Ratio - Input:Output	1:1	
Output Configuration	High Side	
Output Type	N-Channel	
Interface	On/Off	
Voltage - Load	2.7 V ~ 6 V	
Voltage - Supply (Vcc/Vdd)	Not Required	
Current - Output (Max)	3A	
Rds On (Typ)	55 mOhm	
Input Type	Non-Inverting	
Features	Status Flag	
Fault Protection	Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO	
Operating Temperature	-40°C ~ 85°C (TA)	
Package / Case	SOT-23-5 Thin, TSOT-23-5	
Supplier Device Package	TSOT-23-5	
		Report errors?

#### **RT9742BNGJ5F 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.

# **RT9742BNGJ5F Payment Methods**



















### **RT9742BNGJ5F Shipping Methods**













If you have any question about RT9742BNGJ5F, please do not hesitate to contact us!

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