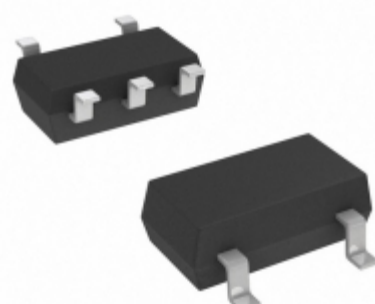


RT9742BNGJ5F



Part Number:

RT9742BNGJ5F

Manufacturer:

Richtek

Description:

IC USB POWER SWITCH TSOT23-5

Data sheet:

 [RT9742](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

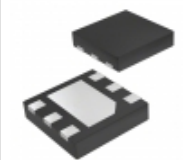
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy RT9742BNGJ5F with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                   |                                  |                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | RT9742BNGJ5F                                                      | Manufacturer                     | <a href="#">Richtek</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                             | IC USB POWER SWITCH TSOT23-5                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                      | 4868 pcs                                                          | Data sheet                       | <a href="#">RT9742</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                         | Voltage - Supply (Vcc/Vdd)       | Not Required               |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.7 V ~ 6 V                                                       | Switch Type                      | USB Switch                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                 | TSOT-23-5                                                         | Series                           | -                          |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                            | 55 mOhm                                                           | Ratio - Input:Output             | 1:1                        |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                               | Tape & Reel (TR)                                                  | Package / Case                   | SOT-23-5 Thin, TSOT-23-5   |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                             | N-Channel                                                         | Output Configuration             | High Side                  |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                             | 1028-1476-2                                                       | Operating Temperature            | -40°C ~ 85°C (TA)          |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                                                                 | Moisture Sensitivity Level (MSL) | 3 (168 Hours)              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                        | Interface                        | On/Off                     |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                              | Non-Inverting                                                     | Features                         | Status Flag                |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                        | Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO | Current - Output (Max)           | 3A                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Richtek series electronic components. We have 4868 pieces of Richtek RT9742BNGJ5F in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                   |                                  |                            |

| RELATED PRODUCTS                                                                   |                                                                                     |                                        |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------|----------------|
|  | Part#: <a href="#">RT9728BLGE</a><br>Description: 120MO, 1.3A POWER SW W/PROG ILIM  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742CNGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5    | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742AGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5     | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742BGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5     | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742EGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5      | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742CGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5      | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9741CGV</a><br>Description: IC POWER SWITCH USB SOT-23-3       | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742DNGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5    | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9728BLGQW</a><br>Description: 120MO, 1.3A POWER SW W/PROG ILIM | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742CGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5     | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742EGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5     | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742CNGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5     | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9741DGV</a><br>Description: IC POWER SWITCH USB SOT-23-3       | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742DGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5      | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742ANGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5    | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742DGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5     | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742DNGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5     | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9741AGV</a><br>Description: IC POWER SWITCH USB SOT-23-3       | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9733GS</a><br>Description: IC POWER SWITCH USB 8SOP            | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9733GF</a><br>Description: IC POWER SWITCH USB 8MSOP           | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |

Related keywords for RT9742BNGJ5F

|                                 |                               |                       |                    |
|---------------------------------|-------------------------------|-----------------------|--------------------|
| Richtek RT9742BNGJ5F            | RT9742BNGJ5F distributor      | RT9742BNGJ5F supplier | RT9742BNGJ5F price |
| RT9742BNGJ5F download datasheet | RT9742BNGJ5F datasheet        | RT9742BNGJ5F stock    | buy RT9742BNGJ5F   |
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