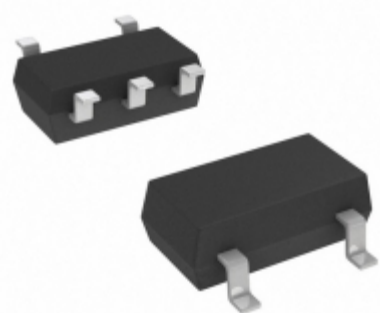


RT9742GGJ5F



**Part Number:** [RT9742GGJ5F](#)

**Manufacturer:** [Richtek](#)

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

**Data sheet:**  [RT9742](#)

**RoHs Status:** Lead free / RoHS Compliant

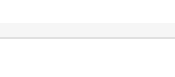
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy RT9742GGJ5F with confidence from Component-World.HK, 1 Year Warranty

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                   |                                  |                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------|-----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | RT9742GGJ5F                                                       | Manufacturer                     | <a href="#">Richtek</a>     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC USB POWER SWITCH TSOT23-5                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 4505 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                                                                                                                                                                                                                                                                                                                                                                                                                               | 1028-1485-2                                                       | 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                         | Load Discharge, Status Flag |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                          | Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO | Current - Output (Max)           | 1A                          |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Richtek series electronic components. We have 4505 pieces of Richtek RT9742GGJ5F in stock available now.<br>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="#">RT9742FGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742HNGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742KNGV</a><br>Description: IC USB POWER SWITCH SOT23-3    | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742GNGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742MGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742JNGV</a><br>Description: IC USB POWER SWITCH SOT23-3    | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742LNGV</a><br>Description: IC USB POWER SWITCH SOT23-3    | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742ENGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742DNGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5 | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742ENGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5 | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742EGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742FNGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742HGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742HGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742FGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742GNGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5 | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742HNGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5 | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742FNGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5 | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742EGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT9742GGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <a href="#">RFQ</a> |

| Related keywords for RT9742GGJ5F |                              |                      |                   |
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| Richtek RT9742GGJ5F              | RT9742GGJ5F distributor      | RT9742GGJ5F supplier | RT9742GGJ5F price |
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