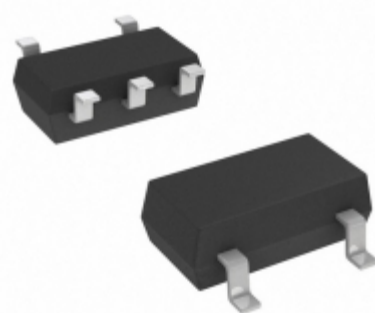


RT9742HNGJ5F



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: RT9742HNGJ5F

Manufacturer Richtek

Description IC USB POWER SWITCH TSOT23-5

Data sheet:  RT9742

RoHs Status: Lead free / RoHS Compliant

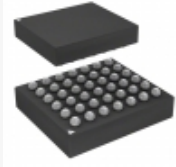
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER              |                                                                   |                                  |                            |
|--------------------------------|-------------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                    | RT9742HNGJ5F                                                      | Manufacturer                     | <a href="#">Richtek</a>    |
| Description                    | IC USB POWER SWITCH TSOT23-5                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available             | 4475 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                      | Cut Tape (CT)                                                     | Package / Case                   | SOT-23-5 Thin, TSOT-23-5   |
| Output Type                    | N-Channel                                                         | Output Configuration             | High Side                  |
| Other Names                    | 1028-1489-1                                                       | 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)           | 1A                         |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Richtek series electronic components. We have 4475 pieces of Richtek RT9742HNGJ5F in stock available now.  
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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS                                                                   |                                                                                  |                                        |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------|----------------|
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|  | Part#: <a href="#">RT9742HGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742MGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742HNGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742MNGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742KNGV</a><br>Description: IC USB POWER SWITCH SOT23-3    | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742SNGV</a><br>Description: IC POWER SWITCH 0.5A SOT23-3   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742GNGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742GGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9750WSC</a><br>Description: IC BATT CHARGER 6A WL-CSP-42B   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742GGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742FNGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742FNGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5 | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742LNGV</a><br>Description: IC USB POWER SWITCH SOT23-3    | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742FGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742HGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742GNGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5 | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9746WSC</a><br>Description: IC REG OVP WITH PTVS 12WLCSP    | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742QGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9746HWSC</a><br>Description: IC REG OVP WITH PTVS WL-CSP-12 | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |

Related keywords for RT9742HNGJ5F

|                                 |                               |                       |                    |
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