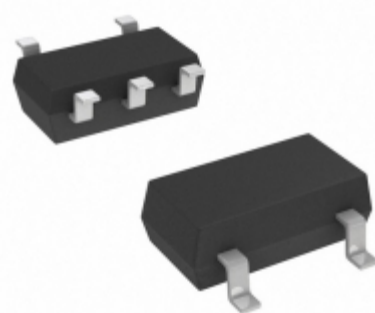


RT9742DNGJ5



Part Number:

RT9742DNGJ5

Manufacturer:

Richtek

Description:

IC USB POWER SWITCH TSOT23-5

Data sheet:

 [RT9742](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

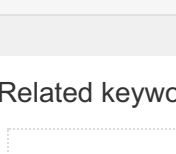
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy RT9742DNGJ5 with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                   |                                  |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | RT9742DNGJ5                                                       | Manufacturer                     | <a href="#">Richtek</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC USB POWER SWITCH TSOT23-5                                      | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 5344 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                                                                                                                                                                                                                                                                                                                                                                                                                   | SOT-23-5                                                          | Series                           | -                          |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                              | 70 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                                                                                                                                                                                                                                                                                                                                                                                                                               | 1028-1479-2                                                       | 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)           | 2A                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Richtek series electronic components. We have 5344 pieces of Richtek RT9742DNGJ5 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="#">RT9742GGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5   | 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="#">RT9742FGJ5F</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="#">RT9742DGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5   | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742BNGJ5F</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="#">RT9742FGJ5</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="#">RT9742ENGJ5</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT9742ENGJ5F</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="#">RT9742AGJ5F</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="#">RT9742DNGJ5F</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="#">RT9742CNGJ5F</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="#">RT9742BGJ5F</a><br>Description: IC USB POWER SWITCH TSOT23-5  | Manufacturers: <a href="#">Richtek</a> | <div>RFQ</div> |

| Related keywords for RT9742DNGJ5 |                              |                      |                   |
|----------------------------------|------------------------------|----------------------|-------------------|
| Richtek RT9742DNGJ5              | RT9742DNGJ5 distributor      | RT9742DNGJ5 supplier | RT9742DNGJ5 price |
| RT9742DNGJ5 download datasheet   | RT9742DNGJ5 datasheet        | RT9742DNGJ5 stock    | buy RT9742DNGJ5   |
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