



RT9742EGJ5F

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | RT9742EGJ5F                                                                                                       |
| Manufacturer/Brand: | Richtek                                                                                                           |
| Product description | IC USB POWER SWITCH TSOT23-5                                                                                      |
| Datasheets:         |  <a href="#">RT9742EGJ5F.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 123682 pcs stock                                                                                                  |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Specifications of RT9742EGJ5F

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | RT9742EGJ5F                                                                                                         |
| MANUFACTURER                     | Richtek                                                                                                             |
| DESCRIPTION                      | IC USB POWER SWITCH TSOT23-5                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 123682 pcs                                                                                                          |
| DATA SHEET                       |  <a href="#">RT9742EGJ5F.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                                        |
| VOLTAGE - LOAD                   | 2.7 V ~ 6 V                                                                                                         |
| SWITCH TYPE                      | USB Switch                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | TSOT-23-5 (FC)                                                                                                      |
| 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                      | 1028-1433-2                                                                                                         |
| 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)           | 1.5A                                                                                                                |

Related Tags

|                           |                                |                         |
|---------------------------|--------------------------------|-------------------------|
| Richtek RT9742EGJ5F       | RT9742EGJ5F Distributor        | RT9742EGJ5F Supplier    |
| RT9742EGJ5F Price         | RT9742EGJ5F Pictures           | RT9742EGJ5F Image       |
| RT9742EGJ5F PDF Datasheet | RT9742EGJ5F Download Datasheet | RT9742EGJ5F Datasheet   |
| RT9742EGJ5F Stock         | Buy RT9742EGJ5F                | Buy Richtek RT9742EGJ5F |
| Richtek RT9742EGJ5F       | Richtek Supplier               | Richtek Distributor     |
| Richtek RT9742EGJ5F       | Richtek USA Inc. RT9742EGJ5F   |                         |

Related Products

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>RT9742FNGJ5F</b><br/>Manufacturers: Richtek<br/>Description: IC USB POWER SWITCH TSOT23-5<br/>In stock: 5034 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>RT9742DGJ5F</b><br/>Manufacturers: Richtek<br/>Description: IC USB POWER SWITCH TSOT23-5<br/>In stock: 5693 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>RT9742FGJ5F</b><br/>Manufacturers: Richtek<br/>Description: IC USB POWER SWITCH TSOT23-5<br/>In stock: 6682 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>RT9742FNGJ5</b><br/>Manufacturers: Richtek<br/>Description: IC USB POWER SWITCH TSOT23-5<br/>In stock: 5374 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>RT9742EGJ5</b><br/>Manufacturers: Richtek<br/>Description: IC USB POWER SWITCH TSOT23-5<br/>In stock: 247292 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>RT9742DNGJ5F</b><br/>Manufacturers: Richtek<br/>Description: IC USB POWER SWITCH TSOT23-5<br/>In stock: 5786 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>RT9742FGJ5</b><br/>Manufacturers: Richtek<br/>Description: IC USB POWER SWITCH TSOT23-5<br/>In stock: 3698 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>RT9742DNGJ5</b><br/>Manufacturers: Richtek<br/>Description: IC USB POWER SWITCH TSOT23-5<br/>In stock: 5777 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>RT9742CNGJ5F</b><br/>Manufacturers: Richtek<br/>Description: IC USB POWER SWITCH TSOT23-5<br/>In stock: 48759 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>RT9742DGJ5</b><br/>Manufacturers: Richtek<br/>Description: IC USB POWER SWITCH TSOT23-5<br/>In stock: 4929 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>RT9742ENGJ5F</b><br/>Manufacturers: Richtek<br/>Description: IC USB POWER SWITCH TSOT23-5<br/>In stock: 144601 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>RT9742ENGJ5</b><br/>Manufacturers: Richtek<br/>Description: IC USB POWER SWITCH TSOT23-5<br/>In stock: 113982 pcs<br/><div>RFQ</div></div> |