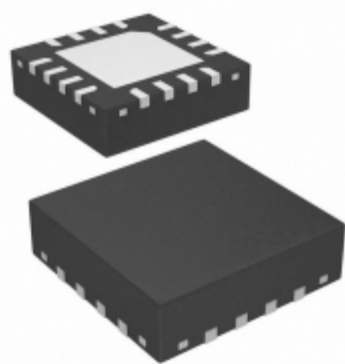


RT2853BHGQW



**Part Number:** [RT2853BHGQW](#)

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

**Description:** IC REG BUCK ADJ 3A SYNC 16WQFN

**Data sheet:**  [RT2853A, RT2853B](#)

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

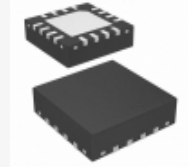
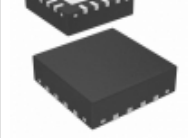
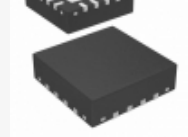
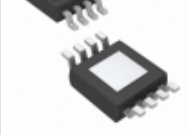
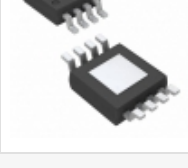
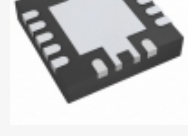
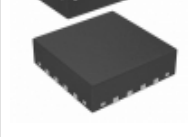
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy RT2853BHGQW with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                         |                                  |                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------|----------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | RT2853BHGQW                                                                             | Manufacturer                     | <a href="#">Richtek</a>          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                             | IC REG BUCK ADJ 3A SYNC 16WQFN                                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                      | 82329 pcs                                                                               | Data sheet                       | <a href="#">RT2853A, RT2853B</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                               | Voltage - Output (Min/Fixed)     | 0.765V                           |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                  | 7V                                                                                      | Voltage - Input (Min)            | 4.5V                             |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                   | 18V                                                                                     | Topology                         | Buck                             |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes                                                                                     | Supplier Device Package          | 16-WQFN (3x3)                    |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                  | ACOT™                                                                                   | Packaging                        | Tape & Reel (TR)                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                          | 16-WFQFN Exposed Pad                                                                    | Output Type                      | Adjustable                       |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                    | Positive                                                                                | Other Names                      | 1028-1368-2                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 85°C (TA)                                                                       | Number of Outputs                | 1                                |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                           | Surface Mount                                                                           | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                         | 16 Weeks                                                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant       |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                | Step-Down                                                                               | Frequency - Switching            | 650kHz                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                    | Buck Switching Regulator IC Positive Adjustable 0.765V 1 Output 3A 16-WFQFN Exposed Pad | Current - Output                 | 3A                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Richtek series electronic components. We have 82329 pieces of Richtek RT2853BHGQW 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="#">RT2726B7TR7</a><br>Description: RES NTRK 48 RES MULT OHM 64LBGA  | Manufacturers: <a href="#">CTS Electronic Components</a>        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT27CVN</a><br>Description: T&G PLIER,STRAIGHT JAW,BLK PHOSP     | Manufacturers: <a href="#">Apex Tool Group</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2810BHGUUF</a><br>Description: IC REG BUCK ADJ 10A SYNC 16UQFN | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2859BHQQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 16WQFN   | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2855AHQQW</a><br>Description: IC REG BUCK ADJ 4A SYNC 16WQFN   | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2855ALQQW</a><br>Description: IC REG BUCK ADJ 4A SYNC 16WQFN   | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2858BHGSP</a><br>Description: IC REG BUCK ADJ 3A SYNC 8SOP     | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2855BLQQW</a><br>Description: IC REG BUCK ADJ 4A SYNC 16WQFN   | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2855BHQQW</a><br>Description: IC REG BUCK ADJ 4A SYNC 16WQFN   | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2853ALQQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 16WQFN   | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2728B7TR7</a><br>Description: RES NTRK 48 RES MULT OHM 64LBGA  | Manufacturers: <a href="#">CTS Electronic Components</a>        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2859ALQQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 16WQFN   | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2859AHQQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 16WQFN   | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2728B7TR13</a><br>Description: RES NTRK 48 RES MULT OHM 64LBGA | Manufacturers: <a href="#">CTS Electronic Components</a>        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2808AGSP</a><br>Description: IC REG BUCK ADJ 3A 8SOP           | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT28516</a><br>Description: CLIP RETAINING METAL PCB             | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2805AGSP</a><br>Description: IC REG BUCK ADJ 5A                | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2856GQW</a><br>Description: IC REG BUCK ADJ 6A SYNC 14WQFN     | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2853AHQQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 16WQFN   | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT2853BLQQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 16WQFN   | Manufacturers: <a href="#">Richtek</a>                          | <a href="#">RFQ</a> |

| Related keywords for RT2853BHGQW |                              |                      |                   |
|----------------------------------|------------------------------|----------------------|-------------------|
| Richtek RT2853BHQQW              | RT2853BHQQW distributor      | RT2853BHQQW supplier | RT2853BHQQW price |
| RT2853BHQQW download datasheet   | RT2853BHQQW datasheet        | RT2853BHQQW stock    | buy RT2853BHQQW   |
| Richtek RT2853BHQQW              | Richtek USA Inc. RT2853BHQQW |                      |                   |