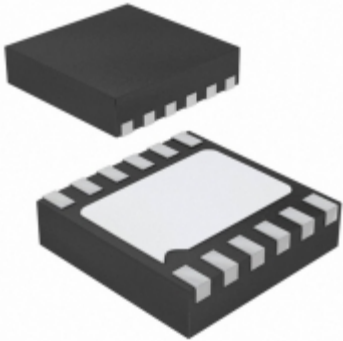


RT8072GQW



**Part Number:** RT8072GQW

**Manufacturer:** Richtek

**Description:** IC REG BUCK ADJ 5A SYNC 12WDFN

**Data sheet:**  RT8072

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

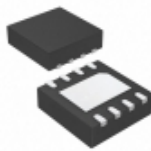
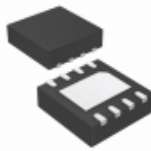
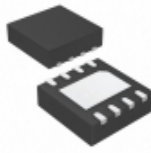
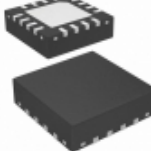
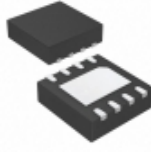
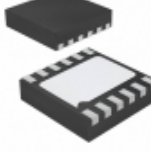
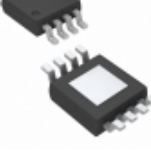
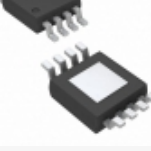
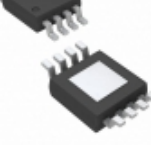
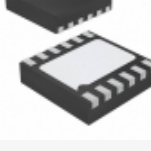
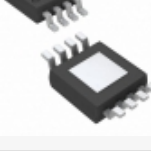
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy RT8072GQW with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                      |                                  |                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | RT8072GQW                                                                            | Manufacturer                     | <a href="#">Richtek</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                           | IC REG BUCK ADJ 5A SYNC 12WDFN                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                    | 81769 pcs                                                                            | Data sheet                       | <a href="#">RT8072</a>     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                                            | Voltage - Output (Min/Fixed)     | 0.8V                       |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                | 3.3V                                                                                 | Voltage - Input (Min)            | 2.9V                       |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.5V                                                                                 | Topology                         | Buck                       |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                                                                  | Supplier Device Package          | 12-WDFN (3x3)              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                                                                    | Packaging                        | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                        | 12-WDFN Exposed Pad                                                                  | Output Type                      | Adjustable                 |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                  | Positive                                                                             | Other Names                      | 1028-1238-2                |
| 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            | 300kHz ~ 2MHz              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                  | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 5A 12-WDFN Exposed Pad | Current - Output                 | 5A                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Richtek series electronic components. We have 81769 pieces of Richtek RT8072GQW 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="#">RT8077GQW</a><br>Description: IC REG BUCK ADJ 2.5A SYNC 8WDFN  | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8070ZQW</a><br>Description: IC REG BUCK ADJ 4A SYNC 8WDFN    | Manufacturers: <a href="#">Richtek USA Inc.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RT8064ZQW</a><br>Description: IC REG BUCK ADJ 2A SYNC 8WDFN    | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8079AGQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 16WQFN  | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8065ZQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 8WDFN    | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8071CGQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 10WDFN  | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8075ZQW</a><br>Description: IC REG BCK ADJ 1A DL SYNC 10WDFN | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8073GQW</a><br>Description: IC REG BUCK ADJ 6A SYNC 12WDFN   | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8065ZSP</a><br>Description: IC REG BUCK ADJ 3A SYNC 8PSOP    | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8068AZQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 10WDFN  | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8078AGQW</a><br>Description: IC REG BUCK ADJ 4A SYNC 10WDFN  | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8070ZSP</a><br>Description: IC REG BUCK ADJ 4A SYNC 8SOP     | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8074GSP</a><br>Description: IC REG BUCK ADJ 4A SYNC 8SOP     | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8068AZSP</a><br>Description: IC REG BUCK ADJ 3A SYNC 8SOP    | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8073GSP</a><br>Description: IC REG BUCK ADJ 6A SYNC 8SOP     | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8079GQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 16WQFN   | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8071DGQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 10WDFN  | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8082GQW</a><br>Description: IC REG BUCK ADJ 3A SYNC 12WDFN   | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8072GSP</a><br>Description: IC REG BUCK ADJ 5A SYNC 8SOP     | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">RT8064ZSP</a><br>Description: IC REG BUCK ADJ 2A SYNC 8SOP     | Manufacturers: <a href="#">Richtek</a>          | <div>RFQ</div> |

| Related keywords for RT8072GQW |                            |                    |                 |
|--------------------------------|----------------------------|--------------------|-----------------|
| Richtek RT8072GQW              | RT8072GQW distributor      | RT8072GQW supplier | RT8072GQW price |
| RT8072GQW download datasheet   | RT8072GQW datasheet        | RT8072GQW stock    | buy RT8072GQW   |
| Richtek RT8072GQW              | Richtek USA Inc. RT8072GQW |                    |                 |