



Richtek



## RT6206AHGQW

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | RT6206AHGQW                                                                                                       |
| Manufacturer/Brand: | Richtek                                                                                                           |
| Product description | IC REG BUCK ADJ 5.5A SYNC 10WDFN                                                                                  |
| Datasheets:         |  <a href="#">RT6206AHGQW.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 66651 pcs stock                                                                                                   |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

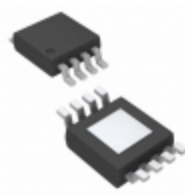
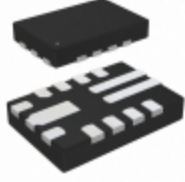
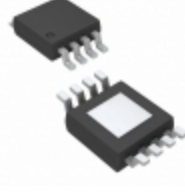
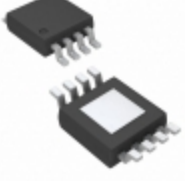
### Specifications of RT6206AHGQW

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | RT6206AHGQW                                                                                                         |
| MANUFACTURER                     | Richtek                                                                                                             |
| DESCRIPTION                      | IC REG BUCK ADJ 5.5A SYNC 10WDFN                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 66651 pcs                                                                                                           |
| DATA SHEET                       |  <a href="#">RT6206AHGQW.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.765V                                                                                                              |
| VOLTAGE - OUTPUT (MAX)           | 8V                                                                                                                  |
| VOLTAGE - INPUT (MIN)            | 4.5V                                                                                                                |
| VOLTAGE - INPUT (MAX)            | 18V                                                                                                                 |
| TOPOLOGY                         | Buck                                                                                                                |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 10-WDFN (3x3)                                                                                                       |
| SERIES                           | ACOT™                                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                                    |
| PACKAGE / CASE                   | 10-WDFN Exposed Pad                                                                                                 |
| OUTPUT TYPE                      | Adjustable                                                                                                          |
| OUTPUT CONFIGURATION             | Positive                                                                                                            |
| OTHER NAMES                      | RT6206AHGQWTR                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                   |
| NUMBER OF OUTPUTS                | 1                                                                                                                   |
| MOUNTING TYPE                    | Surface Mount                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                       |
| 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 5.5A 10-WDFN Exposed Pad                            |
| CURRENT - OUTPUT                 | 5.5A                                                                                                                |

### Related Tags

|                           |                                |                         |
|---------------------------|--------------------------------|-------------------------|
| Richtek RT6206AHGQW       | RT6206AHGQW Distributor        | RT6206AHGQW Supplier    |
| RT6206AHGQW Price         | RT6206AHGQW Pictures           | RT6206AHGQW Image       |
| RT6206AHGQW PDF Datasheet | RT6206AHGQW Download Datasheet | RT6206AHGQW Datasheet   |
| RT6206AHGQW Stock         | Buy RT6206AHGQW                | Buy Richtek RT6206AHGQW |
| Richtek RT6206AHGQW       | Richtek Supplier               | Richtek Distributor     |
| Richtek RT6206AHGQW       | Richtek USA Inc. RT6206AHGQW   |                         |

### Related Products

|                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>RT6202BHGSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 5A SYNC 8SOP<br/>In stock: 54727 pcs<br/><div>RFQ</div></div>     |  <div><b>RT6202AHGSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 5A SYNC 8SOP<br/>In stock: 124694 pcs<br/><div>RFQ</div></div>   |
|  <div><b>RT6206BHGQW</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 5.5A SYNC 10WDFN<br/>In stock: 73879 pcs<br/><div>RFQ</div></div> |  <div><b>RT6207AHGQUF</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 5A SYNC 13UQFN<br/>In stock: 89085 pcs<br/><div>RFQ</div></div> |
|  <div><b>RT6203BHGQW</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 5A WQFN-20<br/>In stock: 4887 pcs<br/><div>RFQ</div></div>        |  <div><b>RT6207BHGQUF</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 5A SYNC 13UQFN<br/>In stock: 45383 pcs<br/><div>RFQ</div></div> |
|  <div><b>RT6201AHGSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 4A SYNC 8SOP<br/>In stock: 133787 pcs<br/><div>RFQ</div></div>    |  <div><b>RT6206BHGSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 5.5A SYNC 8SOP<br/>In stock: 29910 pcs<br/><div>RFQ</div></div>  |
|  <div><b>RT6204GSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 0.5A SYNC 8PSOP<br/>In stock: 63445 pcs<br/><div>RFQ</div></div>    |  <div><b>RT6206AHGSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 5.5A SYNC 8SOP<br/>In stock: 88386 pcs<br/><div>RFQ</div></div>  |
|  <div><b>RT6208GE</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 0.1A SYNC SOT23<br/>In stock: 52271 pcs<br/><div>RFQ</div></div>     |  <div><b>RT6201BHGSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 4A SYNC 8SOP<br/>In stock: 116137 pcs<br/><div>RFQ</div></div>   |