



RT8511BGQW

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | RT8511BGQW                                                                                                   |
| Manufacturer/Brand: | Richtek                                                                                                      |
| Product description | IC WLED DRVR DIM WDFN-8                                                                                      |
| Datasheets:         |  RT8511BGQW.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

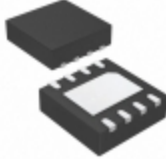
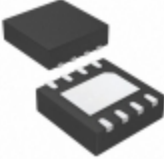
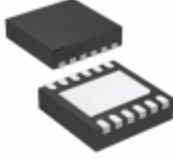
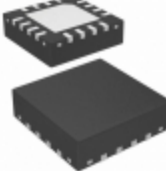
Specifications of RT8511BGQW

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | RT8511BGQW                                                                                         |
| MANUFACTURER                     | Richtek                                                                                            |
| DESCRIPTION                      | IC WLED DRVR DIM WDFN-8                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| DATA SHEET                       |  RT8511BGQW.pdf |
| VOLTAGE - SUPPLY (MIN)           | 2.7V                                                                                               |
| VOLTAGE - SUPPLY (MAX)           | 24V                                                                                                |
| VOLTAGE - OUTPUT                 | 43V                                                                                                |
| TYPE                             | DC DC Regulator                                                                                    |
| TOPOLOGY                         | Step-Up (Boost)                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 8-WDFN (2x2)                                                                                       |
| SERIES                           | -                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                   |
| PACKAGE / CASE                   | 8-WDFN Exposed Pad                                                                                 |
| OTHER NAMES                      | RT8511BGQWTR                                                                                       |
| 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                                                                         |
| INTERNAL SWITCH(S)               | Yes                                                                                                |
| FREQUENCY                        | 500kHz                                                                                             |
| DIMMING                          | PWM                                                                                                |
| DETAILED DESCRIPTION             | LED Driver IC 1 Output DC DC Regulator Step-Up (Boost) PWM Dimming 2.2A (Switch) 8-WDFN (2x2)      |
| CURRENT - OUTPUT / CHANNEL       | 2.2A (Switch)                                                                                      |
| APPLICATIONS                     | Backlight                                                                                          |

Related Tags

|                          |                               |                        |
|--------------------------|-------------------------------|------------------------|
| Richtek RT8511BGQW       | RT8511BGQW Distributor        | RT8511BGQW Supplier    |
| RT8511BGQW Price         | RT8511BGQW Pictures           | RT8511BGQW Image       |
| RT8511BGQW PDF Datasheet | RT8511BGQW Download Datasheet | RT8511BGQW Datasheet   |
| RT8511BGQW Stock         | Buy RT8511BGQW                | Buy Richtek RT8511BGQW |
| Richtek RT8511BGQW       | Richtek Supplier              | Richtek Distributor    |
| Richtek RT8511BGQW       | Richtek USA Inc. RT8511BGQW   |                        |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
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| <div></div> <div><b>RT8509GQW</b><br/>Manufacturers: Richtek<br/>Description: IC REG BOOST ADJ 3A 10WDFN<br/>In stock: Out stock<br/><div>RFQ</div></div>                     | <div></div> <div><b>RT8522-20-3M0</b><br/>Manufacturers: Schaffner EMC, Inc.<br/>Description: COMMON MODE CHOKE 3MH 20A 2LN TH<br/>In stock: 150 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>RT8511AGQWA</b><br/>Manufacturers: Richtek<br/>Description: IC LED DRIVER RGLTR DIM 8WDFN<br/>In stock: Out stock<br/><div>RFQ</div></div>                | <div></div> <div><b>RT8511AGQW</b><br/>Manufacturers: Richtek<br/>Description: IC LED DRIVER RGLTR DIM 8WDFN<br/>In stock: Out stock<br/><div>RFQ</div></div>                 |
| <div></div> <div><b>RT8509AGQW</b><br/>Manufacturers: Richtek<br/>Description: IC REG BOOST WDFN-12<br/>In stock: Out stock<br/><div>RFQ</div></div>                          | <div></div> <div><b>RT8522-12-5M0</b><br/>Manufacturers: Schaffner EMC, Inc.<br/>Description: COMMON MODE CHOKE 5MH 12A 2LN TH<br/>In stock: 200 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>RT8522-6-10M0</b><br/>Manufacturers: Schaffner EMC, Inc.<br/>Description: COMMON MODE CHOKE 10MH 6A 2LN TH<br/>In stock: 175 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>RT8522-10-6M0</b><br/>Manufacturers: Schaffner EMC, Inc.<br/>Description: COMMON MODE CHOKE 6MH 10A 2LN TH<br/>In stock: 176 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>RT8510GQW</b><br/>Manufacturers: Richtek<br/>Description: IC LED DRIVER RGLTR DIM 16WQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>                 | <div></div> <div><b>RT8522-16-4M0</b><br/>Manufacturers: Schaffner EMC, Inc.<br/>Description: COMMON MODE CHOKE 4MH 16A 2LN TH<br/>In stock: 180 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>RT8515GQW</b><br/>Manufacturers: Richtek<br/>Description: IC POWER MANAGEMENT<br/>In stock: Out stock<br/><div>RFQ</div></div>                            | <div></div> <div><b>RT8498GE</b><br/>Manufacturers: Richtek<br/>Description: IC LED DRVR DIM SOT23-6<br/>In stock: Out stock<br/><div>RFQ</div></div>                         |