



RT8296AHZSP

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | RT8296AHZSP                                                                                                  |
| Manufacturer/Brand: | Richtek                                                                                                      |
| Product description | IC REG BUCK ADJ 3A SOP-8                                                                                     |
| Datasheets:         |  RT8296AHZSP.pdf            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

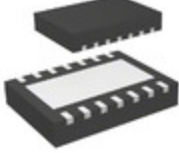
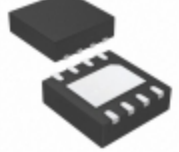
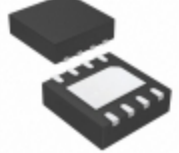
Specifications of RT8296AHZSP

|                                  |                                                                                                            |
|----------------------------------|------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | RT8296AHZSP                                                                                                |
| MANUFACTURER                     | Richtek                                                                                                    |
| DESCRIPTION                      | IC REG BUCK ADJ 3A SOP-8                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                 |
| DATA SHEET                       |  RT8296AHZSP.pdf        |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                       |
| VOLTAGE - OUTPUT (MAX)           | 20V                                                                                                        |
| VOLTAGE - INPUT (MIN)            | 4.5V                                                                                                       |
| VOLTAGE - INPUT (MAX)            | 23V                                                                                                        |
| TOPOLOGY                         | Buck                                                                                                       |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 8-SOP-EP                                                                                                   |
| SERIES                           | -                                                                                                          |
| PACKAGING                        | Tape & Reel (TR)                                                                                           |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                                  |
| OUTPUT TYPE                      | Adjustable                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                                   |
| OTHER NAMES                      | RT8296AHZSPTR                                                                                              |
| 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            | 340kHz                                                                                                     |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 3A 8-SOIC (0.154", 3.90mm Width) Exposed Pad |
| CURRENT - OUTPUT                 | 3A                                                                                                         |

Related Tags

|                           |                                |                         |
|---------------------------|--------------------------------|-------------------------|
| Richtek RT8296AHZSP       | RT8296AHZSP Distributor        | RT8296AHZSP Supplier    |
| RT8296AHZSP Price         | RT8296AHZSP Pictures           | RT8296AHZSP Image       |
| RT8296AHZSP PDF Datasheet | RT8296AHZSP Download Datasheet | RT8296AHZSP Datasheet   |
| RT8296AHZSP Stock         | Buy RT8296AHZSP                | Buy Richtek RT8296AHZSP |
| Richtek RT8296AHZSP       | Richtek Supplier               | Richtek Distributor     |
| Richtek RT8296AHZSP       | Richtek USA Inc. RT8296AHZSP   |                         |

Related Products

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>RT8294ZSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 2A SYNC 8SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>RT8295AHZSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 2A SYNC 8SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>RT8296BHGSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 3A SYNC 8PSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>RT8298EZQW</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 6A 14WDFN<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
| <div></div> <div><b>RT8295AHGSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 2A SYNC 8PSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>RT8297BZQW</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 1.5A SYNC 8WDFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>RT8296BHZSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 3A SYNC 8SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>RT8295BHZSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 2A SOP-8<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
| <div></div> <div><b>RT8296AHGSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 3A SYNC 8PSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>RT8297AZQW</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 1.5A SYNC 8WDFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>RT8295BHGSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 2A SYNC 8SOP<br/>In stock: 847 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>RT8298AGSP</b><br/>Manufacturers: Richtek<br/>Description: IC REG BUCK ADJ 6A 8SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>        |