



Richtek



RT8120FGS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | RT8120FGS                                                                                                    |
| Manufacturer/Brand: | Richtek                                                                                                      |
| Product description | IC REGULATOR CONTROLLER                                                                                      |
| Datasheets:         |  RT8120FGS.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 RT8120FGS

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | RT8120FGS                                                                                         |
| MANUFACTURER                     | Richtek                                                                                           |
| DESCRIPTION                      | IC REGULATOR CONTROLLER                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| DATA SHEET                       |  RT8120FGS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 13.2 V                                                                                      |
| TOPOLOGY                         | Buck                                                                                              |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                               |
| SUPPLIER DEVICE PACKAGE          | 8-SOP                                                                                             |
| SERIES                           | -                                                                                                 |
| SERIAL INTERFACES                | -                                                                                                 |
| PACKAGING                        | Tape & Reel (TR)                                                                                  |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                     |
| OUTPUT TYPE                      | Transistor Driver                                                                                 |
| OUTPUT PHASES                    | 1                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                 |
| NUMBER OF OUTPUTS                | 1                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| FUNCTION                         | Step-Down                                                                                         |
| FREQUENCY - SWITCHING            | 300kHz                                                                                            |
| DUTY CYCLE (MAX)                 | 85%                                                                                               |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 8-SOP                                |
| CONTROL FEATURES                 | Enable, Phase Control                                                                             |
| CLOCK SYNC                       | No                                                                                                |

Related Tags

|                         |                              |                       |
|-------------------------|------------------------------|-----------------------|
| Richtek RT8120FGS       | RT8120FGS Distributor        | RT8120FGS Supplier    |
| RT8120FGS Price         | RT8120FGS Pictures           | RT8120FGS Image       |
| RT8120FGS PDF Datasheet | RT8120FGS Download Datasheet | RT8120FGS Datasheet   |
| RT8120FGS Stock         | Buy RT8120FGS                | Buy Richtek RT8120FGS |
| Richtek RT8120FGS       | Richtek Supplier             | Richtek Distributor   |
| Richtek RT8120FGS       | Richtek USA Inc. RT8120FGS   |                       |

Related Products



**RT8120FGSP**  
Manufacturers: Richtek  
Description: IC REGULATOR CONTROLLER  
In stock: Out stock  

RFQ



**RT8108FGSP**  
Manufacturers: Richtek  
Description: IC REG CTRLR BUCK 8SOP  
In stock: Out stock  

RFQ



**RT8120DGSP**  
Manufacturers: Richtek  
Description: IC REG CTRLR BUCK 8SOP  
In stock: Out stock  

RFQ



**RT8120BGSP**  
Manufacturers: Richtek  
Description: IC REG CTRLR BUCK 8SOP  
In stock: Out stock  

RFQ



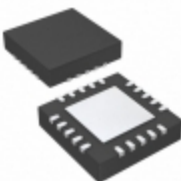
**RT8120AGSP**  
Manufacturers: Richtek  
Description: IC REG CTRLR BUCK 8SOP  
In stock: Out stock  

RFQ



**RT8115AZQW**  
Manufacturers: Richtek  
Description: IC REG CTRLR BUCK 10WDFN  
In stock: Out stock  

RFQ



**RT8121GQW**  
Manufacturers: Richtek  
Description: IC CTRLR BUCK PWM VM 20WQFN  
In stock: Out stock  

RFQ



**RT8122-10-6M0**  
Manufacturers: Schaffner EMC, Inc.  
Description: COMMON MODE CHOKE 6MH 10A 2LN TH  
In stock: 189 pcs  

RFQ



**RT8110BGJ8**  
Manufacturers: Richtek  
Description: IC REG CTRLR BUCK TSOT23-8  
In stock: Out stock  

RFQ



**RT8122-16-4M0**  
Manufacturers: Schaffner EMC, Inc.  
Description: COMMON MODE CHOKE 4MH 16A 2LN TH  
In stock: 72 pcs  

RFQ



**RT8122-12-5M0**  
Manufacturers: Schaffner EMC, Inc.  
Description: COMMON MODE CHOKE 5MH 12A 2LN TH  
In stock: 176 pcs  

RFQ



**RT8122-20-3M0**  
Manufacturers: Schaffner EMC, Inc.  
Description: COMMON MODE CHOKE 3MH 20A 2LN TH  
In stock: 94 pcs  

RFQ