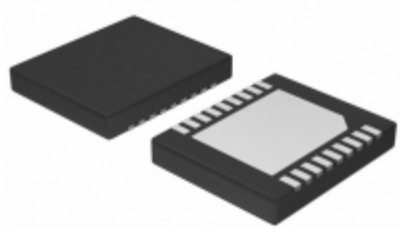


CS51412GMNR2G



ON Semiconductor®



Part Number:

CS51412GMNR2G

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC REG BUCK ADJ 1.5A 18DFN

Data sheet:

 [CS51411-14](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

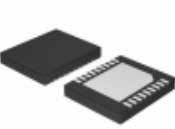
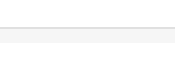
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                         |                                |                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | CS51412GMNR2G                                                                           | Manufacturer                   | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG BUCK ADJ 1.5A 18DFN                                                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5376 pcs                                                                                | Data sheet                     | <a href="#">CS51411-14</a>                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                                               | Voltage - Output (Min/Fixed)   | 1.27V                                                |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 38V                                                                                     | Voltage - Input (Min)          | 4.5V                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 40V                                                                                     | Topology                       | Buck                                                 |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | No                                                                                      | Supplier Device Package        | 18-DFN (5x6)                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -                                                                                       | Packaging                      | Tape & Reel (TR)                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 18-VDFN Exposed Pad                                                                     | Output Type                    | Adjustable                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Positive                                                                                | Operating Temperature          | -40°C ~ 150°C (TJ)                                   |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                                                                                       | Mounting Type                  | Surface Mount                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                                                                           | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Step-Down                                                                               | Frequency - Switching          | 260kHz                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Buck Switching Regulator IC Positive Adjustable 1.27V 1 Output 1.5A 18-VDFN Exposed Pad | Current - Output               | 1.5A                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CS51412                                                                                 |                                |                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                 |                                                                     |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">CS51413ED8G</a><br>Description: IC REG BUCK ADJ 1.5A 8SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51411GMNR2G</a><br>Description: IC REG BUCK ADJ 1.5A 18DFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51413GDR8G</a><br>Description: IC REG BUCK ADJ 1.5A 8SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51412GD8G</a><br>Description: IC REG BUCK ADJ 1.5A 8SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51412GDR8</a><br>Description: IC REG BUCK ADJ 1.5A 8SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51413ED8</a><br>Description: IC REG BUCK ADJ 1.5A 8SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51413GD8</a><br>Description: IC REG BUCK ADJ 1.5A 8SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51412GDR8G</a><br>Description: IC REG BUCK ADJ 1.5A 8SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51413EMNR2G</a><br>Description: IC REG BUCK ADJ 1.5A 18DFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51413EDR8</a><br>Description: IC REG BUCK ADJ 1.5A 8SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51413GMNR2G</a><br>Description: IC REG BUCK ADJ 1.5A 18DFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51413EDR8G</a><br>Description: IC REG BUCK ADJ 1.5A 8SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51412GD8</a><br>Description: IC REG BUCK ADJ 1.5A 8SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51413GD8G</a><br>Description: IC REG BUCK ADJ 1.5A 8SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51412ED8G</a><br>Description: IC REG BUCK ADJ 1.5A 8SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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| Related keywords for CS51412GMNR2G     |                                      |                                           |                                            |
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