

CS51031GDR8



ON Semiconductor®

Part Number: [CS51031GDR8](#)

Manufacturer: [AMI Semiconductor / ON Semiconductor](#)

Description: IC REG CTRLR BUCK 8SOIC

Data sheet:  [CS51031](#)

RoHs Status: Contains lead / RoHS non-compliant

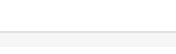
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                     |                                  |                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                      | CS51031GDR8                                                         | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC REG CTRLR BUCK 8SOIC                                             | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                               | 100578 pcs                                                          | Data sheet                       | <a href="#">CS51031</a>                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a>                           | Voltage - Supply (Vcc/Vdd)       | 4.3 V ~ 20 V                                         |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                         | Buck                                                                | Synchronous Rectifier            | No                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                          | 8-SOIC                                                              | 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                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                      | CS51031GDR8OSTR                                                     | Operating Temperature            | 0°C ~ 70°C (TA)                                      |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                                                                   | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                   | Contains lead / RoHS non-compliant                                  | Function                         | Step-Down                                            |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                            | 200kHz                                                              | Duty Cycle (Max)                 | 83.3%                                                |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 8-SOIC | Control Features                 | Frequency Control, Soft Start                        |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                       | No                                                                  | Base Part Number                 | CS51031                                              |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                                     |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">CS51033YD8</a><br>Description: IC REG CTRLR BUCK 8SOIC          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51031GD8G</a><br>Description: IC REG CTRLR BUCK 8SOIC         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51031YDR8G</a><br>Description: IC REG CTRLR BUCK 8SOIC        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">CS51033GD8</a><br>Description: IC REG CTRLR BUCK 8SOIC          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51022AEDR16</a><br>Description: IC REG CTRLR MULT TOP 16SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51023AEDR16</a><br>Description: IC REG CTRLR PWM CM 16-SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51022ADBR2G</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51022ADBR2</a><br>Description: IC REG CTRLR MULT TOP 16TSSOP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS5102A-BLZ</a><br>Description: IC ADC 16BIT 100/20KHZ 28-PLCC  | Manufacturers: <a href="#">Cirrus Logic</a>                         | <div>RFQ</div> |
|  | Part#: <a href="#">CS51033GDR8G</a><br>Description: IC REG CTRLR BUCK 8SOIC        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51031YD8</a><br>Description: IC REG CTRLR BUCK 8SOIC          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51031GDR8G</a><br>Description: IC REG CTRLR BUCK 8SOIC        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51031YDR8</a><br>Description: IC REG CTRLR BUCK 8SOIC         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51024AEDR16</a><br>Description: IC REG CTRLR PWM CM 16-SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51022AEDR16G</a><br>Description: IC REG CTRLR MULT TOP 16SOIC | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51031YD8G</a><br>Description: IC REG CTRLR BUCK 8SOIC         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS51031GD8</a><br>Description: IC REG CTRLR BUCK 8SOIC          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CS5102A-JLZ</a><br>Description: IC ADC 16BIT 100/20KHZ 28-PLCC  | Manufacturers: <a href="#">Cirrus Logic</a>                         | <div>RFQ</div> |
|  | Part#: <a href="#">CS51033GD8G</a><br>Description: IC REG CTRLR BUCK 8SOIC         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

Related keywords for CS51031GDR8

|                                        |                                      |                                           |                                            |
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| CS51031GDR8                            | CS51031GDR8 download datasheet       | CS51031GDR8 datasheet                     | CS51031GDR8 stock                          |
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