

RAA230151GSB#HA0



Part Number: [RAA230151GSB#HA0](#)

Manufacturer: [Renesas Electronics America](#)

Description: IC REG BUCK 3.3V 3A 8HLSOP

Data sheet:  [RAA23014x](#) [RAA23015x](#)

RoHs Status: Lead free / RoHS Compliant

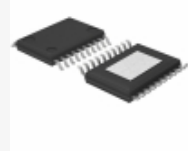
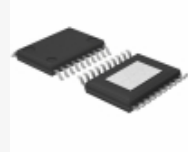
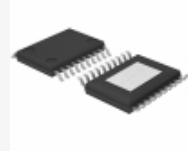
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                |                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | RAA230151GSB#HA0                          | Manufacturer                   | <a href="#">Renesas Electronics America</a>                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG BUCK 3.3V 3A 8HLSOP                | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 84449 pcs                                 | Data sheet                     | <a href="#">RAA23014x</a> <a href="#">RAA23015x</a>                                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)   | 3.3V                                                                                                  |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Voltage - Input (Min)          | 7V                                                                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 28V                                       | Topology                       | Buck                                                                                                  |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                       | Supplier Device Package        | 8-HLSOP                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Packaging                      | Tape & Reel (TR)                                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8-SOIC (0.154", 3.90mm Width) Exposed Pad | Output Type                    | Fixed                                                                                                 |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Positive                                  | Operating Temperature          | -40°C ~ 85°C (TA)                                                                                     |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                         | Mounting Type                  | Surface Mount                                                                                         |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Lead free / RoHS Compliant                | Function                       | Step-Down                                                                                             |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.1MHz                                    | Detailed Description           | Buck Switching Regulator IC Positive Fixed 3.3V 1 Output 3A 8-SOIC (0.154", 3.90mm Width) Exposed Pad |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3A                                        |                                |                                                                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                            |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------|
|  | Part#: <a href="#">RAA230143GSB#HA0</a><br>Description: IC REG BUCK ADJ 3A 20HTSSOP      | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230232GSB#HA0</a><br>Description: IC REG BUCK 3.3V/5V 3A 20HTSSOP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230132GSB#HA0</a><br>Description: IC REG BUCK 5V 3A 8HLSOP         | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230222GSB#HA0</a><br>Description: IC REG BUCK 5V 3A 20HTSSOP       | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230231GSB#HA0</a><br>Description: IC REG BCK ADJ/3.3V 3A 20-HTSSOP | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230131GSB#HA0</a><br>Description: IC REG BUCK 3.3V 3A 8HLSOP       | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230153GSB#HA0</a><br>Description: IC REG BUCK ADJ 3A 8HLSOP        | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230215AGSB#HA0</a><br>Description: IC REG BUCK DUAL 20-HTSSOP      | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230214GSB#HA0</a><br>Description: IC REG DL BCK/LINEAR 20-HTSSOP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230223GSB#HA0</a><br>Description: IC REG DL BUCK ADJ 3A 20-HTSSOP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230142GSB#HA0</a><br>Description: IC REG BUCK 5V 3A 20HTSSOP       | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230122GSB#HA0</a><br>Description: IC REG BUCK 5V 3A 16TSSOP        | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230133GSB#HA0</a><br>Description: IC REG BUCK ADJ 3A SYNC 8HLSOP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230123GSB#HA0</a><br>Description: IC REG BUCK ADJ 3A SYNC 16TSSOP  | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230152GSB#HA0</a><br>Description: IC REG BUCK 5V 3A 8HLSOP         | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230141GSB#HA0</a><br>Description: IC REG BUCK 3.3V 3A 20HTSSOP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA207705GBM#HC0</a><br>Description: IC REG BUCK ADJ 5A SYNC 20CSP    | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230221GSB#HA0</a><br>Description: IC REG BUCK 3.3V 3A 20HTSSOP     | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230121GSB#HA0</a><br>Description: IC REG BUCK 3.3V 3A 16TSSOP      | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |
|  | Part#: <a href="#">RAA230215GSB#HA0</a><br>Description: IC REG DL BCK/LINEAR 20-HTSSOP   | Manufacturers: <a href="#">Renesas Electronics America</a> | <div>RFQ</div> |

Related keywords for RAA230151GSB#HA0

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