

MIC2186BQS



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**Part Number:** [MIC2186BQS](#)

**Manufacturer:** [Micrel / Microchip Technology](#)

**Description:** IC REG CTRLR BOOST 16QSOP

**Data sheet:**  [MIC2186](#)

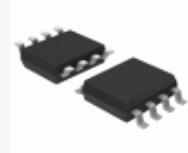
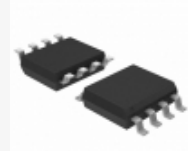
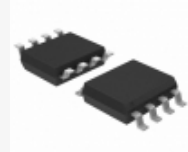
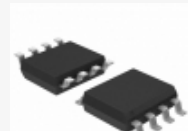
**RoHs Status:** Contains lead / RoHS non-compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                |                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MIC2186BQS                                | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG CTRLR BOOST 16QSOP                 | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 19687 pcs                                 | Data sheet                     | <a href="#">MIC2186</a>                                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 2.9 V ~ 14 V                                                        |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Boost                                     | Synchronous Rectifier          | No                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 16-QSOP                                   | Series                         | -                                                                   |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                         | Packaging                      | Tube                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 16-SSOP (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)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                  |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Step-Up                                   | Frequency - Switching          | 100kHz, 200kHz, 400kHz                                              |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 85%                                       | Detailed Description           | Boost Regulator Positive Output Step-Up DC-DC Controller IC 16-QSOP |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Enable, Frequency Control, Soft Start     | Clock Sync                     | Yes                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MIC2186                                   |                                |                                                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 19687 pieces of Micrel / Microchip Technology MIC2186BQS in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                |                                                                     |

| RELATED PRODUCTS                                                                                                                                                                          |                                                              |  |                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--|---------------------|
|  <div><p>Part#: <a href="#">MIC2186BM-TR</a></p><p>Description: IC REG CTRLR BOOST 16SOIC</p></div>     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
|  <div><p>Part#: <a href="#">MIC2186BQS-TR</a></p><p>Description: IC REG CTRLR BOOST 16QSOP</p></div>    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
|  <div><p>Part#: <a href="#">MIC2185YQS-TR</a></p><p>Description: IC REG CTRLR BUCK 16QSOP</p></div>     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
|  <div><p>Part#: <a href="#">MIC2193BM</a></p><p>Description: IC REG CTRLR BUCK 8SOIC</p></div>          | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
|  <div><p>Part#: <a href="#">MIC2186YM</a></p><p>Description: IC REG CTRLR BOOST 16SOIC</p></div>        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
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|  <div><p>Part#: <a href="#">MIC2194BM</a></p><p>Description: IC REG CTRLR BUCK/BUCK-BST 8SOIC</p></div> | Manufacturers: <a href="#">Micrel / Microchip Technology</a> |  | <a href="#">RFQ</a> |
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| Related keywords for MIC2186BQS          |                                 |                                        |                  |
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