



Micrel / Microchip Technology

MIC2184YQS-TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2184YQS-TR                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG CTRLR BUCK 16QSOP                                                                                     |
| Datasheets:         |  MIC2184YQS-TR.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 MIC2184YQS-TR

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2184YQS-TR                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                      | IC REG CTRLR BUCK 16QSOP                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  MIC2184YQS-TR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.9 V ~ 14 V                                                                                          |
| TOPOLOGY                         | Buck                                                                                                  |
| SYNCHRONOUS RECTIFIER            | No                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 16-QSOP                                                                                               |
| SERIES                           | -                                                                                                     |
| SERIAL INTERFACES                | -                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 16-SSOP (0.154", 3.90mm Width)                                                                        |
| OUTPUT TYPE                      | Transistor Driver                                                                                     |
| OUTPUT PHASES                    | 1                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                              |
| OTHER NAMES                      | MIC2184YQS TR<br>MIC2184YQS TR-ND<br>MIC2184YQSTR<br>MIC2184YQSTR-ND                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                     |
| NUMBER OF OUTPUTS                | 1                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                         |
| MANUFACTURER STANDARD LEAD TIME  | 6 Weeks                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| FUNCTION                         | Step-Down                                                                                             |
| FREQUENCY - SWITCHING            | 400kHz                                                                                                |
| DUTY CYCLE (MAX)                 | 100%                                                                                                  |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-QSOP                                  |
| CONTROL FEATURES                 | Enable, Frequency Control, Soft Start                                                                 |
| CLOCK SYNC                       | Yes                                                                                                   |
| BASE PART NUMBER                 | MIC2184                                                                                               |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MIC2184YQS-TR | MIC2184YQS-TR Distributor              | MIC2184YQS-TR Supplier                               |
| MIC2184YQS-TR Price                         | MIC2184YQS-TR Pictures                 | MIC2184YQS-TR Image                                  |
| MIC2184YQS-TR PDF Datasheet                 | MIC2184YQS-TR Download Datasheet       | MIC2184YQS-TR Datasheet                              |
| MIC2184YQS-TR Stock                         | Buy MIC2184YQS-TR                      | Buy Micrel / Microchip Technology MIC2184YQS-TR      |
| Micrel / Microchip Technology MIC2184YQS-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC2184YQS-TR | Microchip Technology MIC2184YQS-TR     | Roving Networks / Microchip Technology MIC2184YQS-TR |

Related Products

|                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC2184YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>MIC2184BQS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MIC2184BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MIC2185YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>MIC2185BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>MIC2185BQS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MIC2185YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>     |  <div><b>MIC2184YQS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MIC2185BQS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MIC2184BQS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
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