



Micrel / Microchip Technology

MIC2182YSM-TR

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2182YSM-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                       |
| Product description | IC REG CTRLR BUCK 16SSOP                                                                                            |
| Datasheets:         |  <a href="#">MIC2182YSM-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 32963 pcs stock                                                                                                     |
| 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 MIC2182YSM-TR

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2182YSM-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                         |
| DESCRIPTION                      | IC REG CTRLR BUCK 16SSOP                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 32963 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">MIC2182YSM-TR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 32 V                                                                                                          |
| TOPOLOGY                         | Buck                                                                                                                  |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 16-SSOP                                                                                                               |
| SERIES                           | -                                                                                                                     |
| SERIAL INTERFACES                | -                                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | 16-SSOP (0.209", 5.30mm Width)                                                                                        |
| OUTPUT TYPE                      | Transistor Driver                                                                                                     |
| OUTPUT PHASES                    | 1                                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                              |
| OTHER NAMES                      | 576-1544-2<br>MIC2182YSM TR<br>MIC2182YSMTR<br>MIC2182YSMTR-ND                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                     |
| NUMBER OF OUTPUTS                | 1                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| FUNCTION                         | Step-Down                                                                                                             |
| FREQUENCY - SWITCHING            | 300kHz                                                                                                                |
| DUTY CYCLE (MAX)                 | 86%                                                                                                                   |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SSOP                                                  |
| CONTROL FEATURES                 | Enable, Soft Start                                                                                                    |
| CLOCK SYNC                       | Yes                                                                                                                   |
| BASE PART NUMBER                 | MIC2182                                                                                                               |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MIC2182YSM-TR | MIC2182YSM-TR Distributor              | MIC2182YSM-TR Supplier                               |
| MIC2182YSM-TR Price                         | MIC2182YSM-TR Pictures                 | MIC2182YSM-TR Image                                  |
| MIC2182YSM-TR PDF Datasheet                 | MIC2182YSM-TR Download Datasheet       | MIC2182YSM-TR Datasheet                              |
| MIC2182YSM-TR Stock                         | Buy MIC2182YSM-TR                      | Buy Micrel / Microchip Technology MIC2182YSM-TR      |
| Micrel / Microchip Technology MIC2182YSM-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC2182YSM-TR | Microchip Technology MIC2182YSM-TR     | Roving Networks / Microchip Technology MIC2182YSM-TR |

Related Products

|                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                     |
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| <div></div> <div><b>MIC2183YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 33618 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MIC2182BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 30587 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MIC2183BQS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: 26584 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MIC2182YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 27496 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MIC2182YSM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SSOP<br/>In stock: 28084 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MIC2183BQS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16QSOP<br/>In stock: 20616 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MIC2182BSM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SSOP<br/>In stock: 31432 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>MIC2183BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 33386 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>MIC2182YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 38893 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>MIC2183YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 31937 pcs<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MIC2183BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SOIC<br/>In stock: 19864 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MIC2182BSM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 16SSOP<br/>In stock: 22350 pcs<br/><div>RFQ</div></div>   |