

MICROCHIP

Micrel / Microchip Technology



MIC2875-5.5YMT-TR

|                     |                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2875-5.5YMT-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                           |
| Product description | IC REG BOOST 5.5V 3.8A                                                                                                  |
| Datasheets:         |  <a href="#">MIC2875-5.5YMT-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant            |
| Stock Condition     | 184823 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.

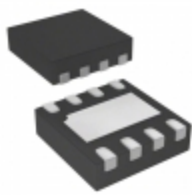
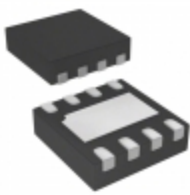
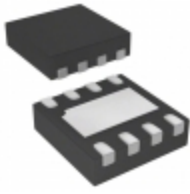
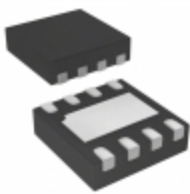
Specifications of MIC2875-5.5YMT-TR

|                                  |                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2875-5.5YMT-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                             |
| DESCRIPTION                      | IC REG BOOST 5.5V 3.8A                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| QUANTITY AVAILABLE               | 184823 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">MIC2875-5.5YMT-TR.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 5.5V                                                                                                                      |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                         |
| VOLTAGE - INPUT (MIN)            | 2.5V                                                                                                                      |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                      |
| TOPOLOGY                         | Boost                                                                                                                     |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 8-TDFN (2x2)                                                                                                              |
| SERIES                           | -                                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                          |
| PACKAGE / CASE                   | 8-UFDFN Exposed Pad                                                                                                       |
| OUTPUT TYPE                      | Fixed                                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                                                  |
| OTHER NAMES                      | MIC2875-5.5YMT TR<br>MIC2875-5.5YMT TR-ND                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                        |
| NUMBER OF OUTPUTS                | 1                                                                                                                         |
| MOUNTING TYPE                    | Surface Mount                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                |
| FUNCTION                         | Step-Up                                                                                                                   |
| FREQUENCY - SWITCHING            | 2MHz                                                                                                                      |
| DETAILED DESCRIPTION             | Boost Switching Regulator IC Positive Fixed 5.5V 1 Output 3.8A (Switch) 8-UFDFN Exposed Pad                               |
| CURRENT - OUTPUT                 | 3.8A (Switch)                                                                                                             |
| BASE PART NUMBER                 | MIC2875-5.5                                                                                                               |

Related Tags

|                                                 |                                        |                                                          |
|-------------------------------------------------|----------------------------------------|----------------------------------------------------------|
| Micrel / Microchip Technology MIC2875-5.5YMT-TR | MIC2875-5.5YMT-TR Distributor          | MIC2875-5.5YMT-TR Supplier                               |
| MIC2875-5.5YMT-TR Price                         | MIC2875-5.5YMT-TR Pictures             | MIC2875-5.5YMT-TR Image                                  |
| MIC2875-5.5YMT-TR PDF Datasheet                 | MIC2875-5.5YMT-TR Download Datasheet   | MIC2875-5.5YMT-TR Datasheet                              |
| MIC2875-5.5YMT-TR Stock                         | Buy MIC2875-5.5YMT-TR                  | Buy Micrel / Microchip Technology MIC2875-5.5YMT-TR      |
| Micrel / Microchip Technology MIC2875-5.5YMT-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor                |
| Micrel / Microchip Technology MIC2875-5.5YMT-TR | Microchip Technology MIC2875-5.5YMT-TR | Roving Networks / Microchip Technology MIC2875-5.5YMT-TR |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC2876-4.75YMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST 4.75V 3.8A<br/>In stock: 155536 pcs<br/><div>RFQ</div></div> |  <div><b>MIC2876-4.75YMT-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST 4.75V 3.8A<br/>In stock: 111168 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MIC2875-5.25YMT-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST 5.25V 3.8A<br/>In stock: 94924 pcs<br/><div>RFQ</div></div>  |  <div><b>MIC2875-AYMT-EV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EVAL BOARD SYNC BOOST REG<br/>In stock: 4385 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MIC2875-5.0YMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST 5V 3.8A<br/>In stock: 140324 pcs<br/><div>RFQ</div></div>     |  <div><b>MIC2875-AYMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 4.8A 8TDFN<br/>In stock: 154650 pcs<br/><div>RFQ</div></div> |
|  <div><b>MIC2875-5.0YMT-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST 5V 3.8A<br/>In stock: 65147 pcs<br/><div>RFQ</div></div>      |  <div><b>MIC2875-AYMT-T5</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG BOOST ADJ 3.8A 8TDFN<br/>In stock: 3216 pcs<br/><div>RFQ</div></div>            |
|  <div><b>MIC2875-4.75YMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST 4.75V 3.8A<br/>In stock: 159133 pcs<br/><div>RFQ</div></div> |  <div><b>MIC2875-5.25YMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST 5.25V 3.8A<br/>In stock: 161827 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MIC2875-5.5YMT-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST 5.5V 3.8A<br/>In stock: 83454 pcs<br/><div>RFQ</div></div>    |  <div><b>MIC2875-AYMT-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 3.8A 8TDFN<br/>In stock: 104042 pcs<br/><div>RFQ</div></div> |