



Micrel / Microchip Technology

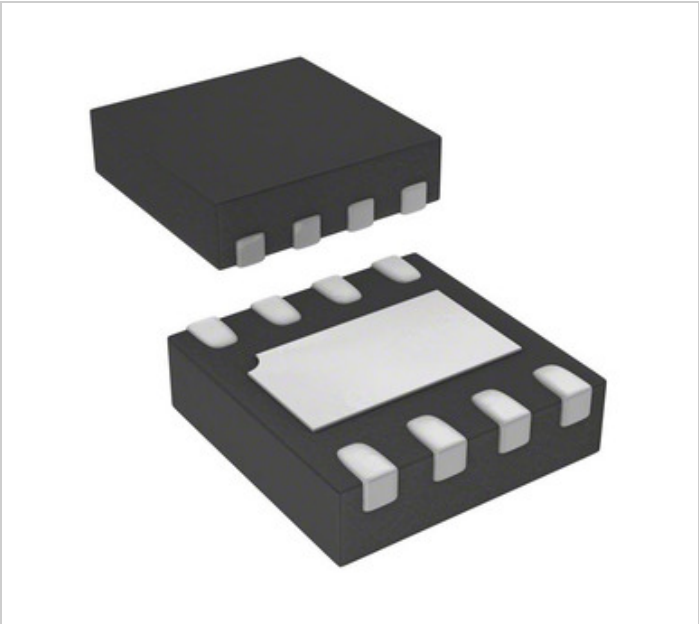


Image may be representation. See specifications for product details.

MIC2876-AYMT-TR

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2876-AYMT-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                         |
| Product description | IC REG BOOST ADJ 3.8A                                                                                                 |
| Datasheets:         |  <a href="#">MIC2876-AYMT-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 151253 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

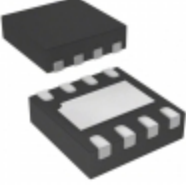
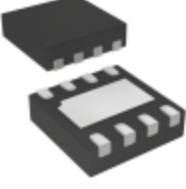
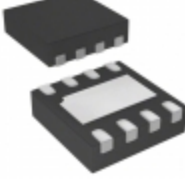
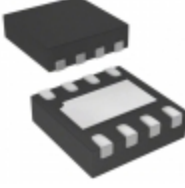
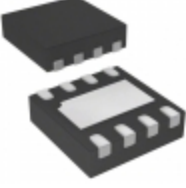
Specifications of MIC2876-AYMT-TR

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2876-AYMT-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                           |
| DESCRIPTION                      | IC REG BOOST ADJ 3.8A                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 151253 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">MIC2876-AYMT-TR.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                                    |
| VOLTAGE - OUTPUT (MAX)           | 5.5V                                                                                                                    |
| 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-UFDNF Exposed Pad                                                                                                     |
| OUTPUT TYPE                      | Adjustable                                                                                                              |
| OUTPUT CONFIGURATION             | Positive                                                                                                                |
| OTHER NAMES                      | MIC2876-AYMT TR<br>MIC2876-AYMT TR-ND<br>MIC2876-AYMTTR                                                                 |
| 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 Adjustable 2.5V 1 Output 3.8A (Switch) 8-UFDNF Exposed Pad                        |
| CURRENT - OUTPUT                 | 3.8A (Switch)                                                                                                           |
| BASE PART NUMBER                 | MIC2876                                                                                                                 |

Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology MIC2876-AYMT-TR | MIC2876-AYMT-TR Distributor            | MIC2876-AYMT-TR Supplier                               |
| MIC2876-AYMT-TR Price                         | MIC2876-AYMT-TR Pictures               | MIC2876-AYMT-TR Image                                  |
| MIC2876-AYMT-TR PDF Datasheet                 | MIC2876-AYMT-TR Download Datasheet     | MIC2876-AYMT-TR Datasheet                              |
| MIC2876-AYMT-TR Stock                         | Buy MIC2876-AYMT-TR                    | Buy Micrel / Microchip Technology MIC2876-AYMT-TR      |
| Micrel / Microchip Technology MIC2876-AYMT-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology MIC2876-AYMT-TR | Microchip Technology MIC2876-AYMT-TR   | Roving Networks / Microchip Technology MIC2876-AYMT-TR |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                            |
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|  <div><b>MIC2877-5.5YFT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SWITCH SYNCHRONOUS BOOST REGUL<br/>In stock: 149848 pcs<br/><a href="#">RFQ</a></div> |  <div><b>MIC2876-5.5YMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST 5.5V 3.8A<br/>In stock: 158163 pcs<br/><a href="#">RFQ</a></div>          |
|  <div><b>MIC2877-AYFT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SWITCH SYNCHRONOUS BOOST REGUL<br/>In stock: 110128 pcs<br/><a href="#">RFQ</a></div>   |  <div><b>MIC2876-AYMT-T5</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG BOOST ADJ 3.8A 8TDFN<br/>In stock: 80739 pcs<br/><a href="#">RFQ</a></div>                 |
|  <div><b>MIC2876-AYMT-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 3.8A 8TDFN<br/>In stock: 99188 pcs<br/><a href="#">RFQ</a></div>       |  <div><b>MIC2877-5.25YFT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SWITCH SYNCHRONOUS BOOST REGUL<br/>In stock: 156730 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>MIC2876-AYMT-EV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EVAL BOARD SYNC BOOST REG<br/>In stock: 6306 pcs<br/><a href="#">RFQ</a></div>          |  <div><b>MIC29150-12BT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 12V 1.5A TO220-3<br/>In stock: 27226 pcs<br/><a href="#">RFQ</a></div>       |
|  <div><b>MIC2877-5.0YFT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SWITCH SYNCHRONOUS BOOST REGUL<br/>In stock: 139844 pcs<br/><a href="#">RFQ</a></div> |  <div><b>MIC2877-4.75YFT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: SWITCH SYNCHRONOUS BOOST REGUL<br/>In stock: 153345 pcs<br/><a href="#">RFQ</a></div> |
|  <div><b>MIC2876-5.5YMT-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST 5.5V 3.8A<br/>In stock: 97741 pcs<br/><a href="#">RFQ</a></div>          |  <div><b>MIC2876-5.25YMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST 5.25V 3.8A<br/>In stock: 168781 pcs<br/><a href="#">RFQ</a></div>        |