

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MIC2296YML-TR

|                     |                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2296YML-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                       |
| Product description | IC REG BOOST ADJ 1.2A 8MLF                                                                                          |
| Datasheets:         |  <a href="#">MIC2296YML-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant        |
| Stock Condition     | 92670 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                           |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                               |

REQUEST FOR QUOTATION

Specifications of MIC2296YML-TR

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2296YML-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                         |
| DESCRIPTION                      | IC REG BOOST ADJ 1.2A 8MLF                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 92670 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">MIC2296YML-TR.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.5V                                                                                                                  |
| VOLTAGE - OUTPUT (MAX)           | 34V (Switch)                                                                                                          |
| VOLTAGE - INPUT (MIN)            | 2.5V                                                                                                                  |
| VOLTAGE - INPUT (MAX)            | 10V                                                                                                                   |
| TOPOLOGY                         | Boost                                                                                                                 |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 8-MLF® (2x2)                                                                                                          |
| SERIES                           | -                                                                                                                     |
| PACKAGING                        | Cut Tape (CT)                                                                                                         |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad, 8-MLF®                                                                                            |
| OUTPUT TYPE                      | Adjustable                                                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                                                              |
| OTHER NAMES                      | 576-2660-1                                                                                                            |
| 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            | 600kHz                                                                                                                |
| DETAILED DESCRIPTION             | Boost Switching Regulator IC Positive Adjustable 2.5V 1 Output 1.2A (Switch) 8-VDFN Exposed Pad, 8-MLF®               |
| CURRENT - OUTPUT                 | 1.2A (Switch)                                                                                                         |
| BASE PART NUMBER                 | MIC2296                                                                                                               |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MIC2296YML-TR | MIC2296YML-TR Distributor              | MIC2296YML-TR Supplier                               |
| MIC2296YML-TR Price                         | MIC2296YML-TR Pictures                 | MIC2296YML-TR Image                                  |
| MIC2296YML-TR PDF Datasheet                 | MIC2296YML-TR Download Datasheet       | MIC2296YML-TR Datasheet                              |
| MIC2296YML-TR Stock                         | Buy MIC2296YML-TR                      | Buy Micrel / Microchip Technology MIC2296YML-TR      |
| Micrel / Microchip Technology MIC2296YML-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC2296YML-TR | Microchip Technology MIC2296YML-TR     | Roving Networks / Microchip Technology MIC2296YML-TR |

Related Products

|                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                      |
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|  <div><b>MIC2296BD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 1.2A TSOT23-5<br/>In stock: 82195 pcs<br/><div>RFQ</div></div>       |  <div><b>MIC2298-15YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC LED DRVR RGLTR DIM 3.5A 12MLF<br/>In stock: 51115 pcs<br/><div>RFQ</div></div> |
|  <div><b>MIC2297-15YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC LED DRIVER RGLTR DIM 10MLF<br/>In stock: 106448 pcs<br/><div>RFQ</div></div>    |  <div><b>MIC2295YD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 1.2A TSOT23-5<br/>In stock: 92477 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MIC2297-42YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC LED DRVR RGLTR DIM 1.2A 10MLF<br/>In stock: 67235 pcs<br/><div>RFQ</div></div>  |  <div><b>MIC2295BML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 1.2A 8MLF<br/>In stock: 67823 pcs<br/><div>RFQ</div></div>          |
|  <div><b>MIC2296YD5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 1.2A TSOT23-5<br/>In stock: 96973 pcs<br/><div>RFQ</div></div>       |  <div><b>MIC2297-42YML-EV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BOARD EVAL FOR MIC2297-42YML<br/>In stock: 2821 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MIC2297-38YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC LED DRVR RGLTR DIM 1.2A 10MLF<br/>In stock: 163426 pcs<br/><div>RFQ</div></div> |  <div><b>MIC2296BML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 1.2A 8MLF<br/>In stock: 76825 pcs<br/><div>RFQ</div></div>          |
|  <div><b>MIC2295YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 1.2A 8MLF<br/>In stock: 120508 pcs<br/><div>RFQ</div></div>          |  <div><b>MIC2297-38YML-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC LED DRVR RGLTR DIM 1.2A 10MLF<br/>In stock: 6084 pcs<br/><div>RFQ</div></div>           |