

MICROCHIP

Micrel / Microchip Technology



MAQ5300-1.8YML-T5VAO

|                     |                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MAQ5300-1.8YML-T5VAO                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                              |
| Product description | IC REG LINEAR 1.8V 300MA 6DFN                                                                                              |
| Datasheets:         |  <a href="#">MAQ5300-1.8YML-T5VAO.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant               |
| Stock Condition     | 4549 pcs stock                                                                                                             |
| Ship From           | Hong Kong                                                                                                                  |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                      |

REQUEST FOR QUOTATION

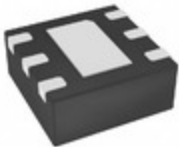
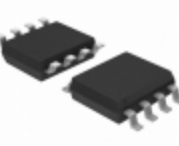
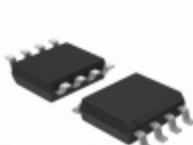
Specifications of MAQ5300-1.8YML-T5VAO

|                                  |                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MAQ5300-1.8YML-T5VAO                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                |
| DESCRIPTION                      | IC REG LINEAR 1.8V 300MA 6DFN                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| QUANTITY AVAILABLE               | 4549 pcs                                                                                                                     |
| DATA SHEET                       |  <a href="#">MAQ5300-1.8YML-T5VAO.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.2V @ 300mA                                                                                                                 |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.8V                                                                                                                         |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                            |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 6-DFN (2x2)                                                                                                                  |
| SERIES                           | Automotive, AEC-Q100                                                                                                         |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                                             |
| PACKAGE / CASE                   | 6-VDFN Exposed Pad                                                                                                           |
| PSRR                             | 65dB ~ 42dB (1kHz ~ 20kHz)                                                                                                   |
| OUTPUT TYPE                      | Fixed                                                                                                                        |
| OUTPUT CONFIGURATION             | Positive                                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°C                                                                                                                |
| NUMBER OF REGULATORS             | 1                                                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                   |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC 1 Output 300mA 6-DFN (2x2)                                                                       |
| CURRENT - QUIESCENT (IQ)         | 120µA                                                                                                                        |
| CURRENT - OUTPUT                 | 300mA                                                                                                                        |
| CONTROL FEATURES                 | Enable                                                                                                                       |
| BASE PART NUMBER                 | MAQ5300                                                                                                                      |

Related Tags

|                                                    |                                           |                                                             |
|----------------------------------------------------|-------------------------------------------|-------------------------------------------------------------|
| Micrel / Microchip Technology MAQ5300-1.8YML-T5VAO | MAQ5300-1.8YML-T5VAO Distributor          | MAQ5300-1.8YML-T5VAO Supplier                               |
| MAQ5300-1.8YML-T5VAO Price                         | MAQ5300-1.8YML-T5VAO Pictures             | MAQ5300-1.8YML-T5VAO Image                                  |
| MAQ5300-1.8YML-T5VAO PDF Datasheet                 | MAQ5300-1.8YML-T5VAO Download Datasheet   | MAQ5300-1.8YML-T5VAO Datasheet                              |
| MAQ5300-1.8YML-T5VAO Stock                         | Buy MAQ5300-1.8YML-T5VAO                  | Buy Micrel / Microchip Technology MAQ5300-1.8YML-T5VAO      |
| Micrel / Microchip Technology MAQ5300-1.8YML-T5VAO | Micrel / Microchip Technology Supplier    | Micrel / Microchip Technology Distributor                   |
| Micrel / Microchip Technology MAQ5300-1.8YML-T5VAO | Microchip Technology MAQ5300-1.8YML-T5VAO | Roving Networks / Microchip Technology MAQ5300-1.8YML-T5VAO |

Related Products

|                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div><b>MAQ5300-2.8YML-TRVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 300MA 6DFN<br/>In stock: 6458 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MAQ5300-3.0YML-TRVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3V 300MA 6DFN<br/>In stock: 6005 pcs</div> <div>RFQ</div>            |
| <div></div> <div><b>MAQ5283-5.0YME-T5VAO</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 5V 0.15A 8SOIC<br/>In stock: 6301 pcs</div> <div>RFQ</div>                         | <div>MICROCHIP</div> <div><b>MAQ5300-2.5YML-TRVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.5V 300MA 6DFN<br/>In stock: 4585 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>MAQ5300-2.85YML-TRVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.85V 300MA 6DFN<br/>In stock: 6853 pcs</div> <div>RFQ</div> | <div></div> <div><b>MAQ5283YME-T5VAO</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO ADJ 0.15A 8SOIC<br/>In stock: 5358 pcs</div> <div>RFQ</div>                          |
| <div>MICROCHIP</div> <div><b>MAQ5300-1.8YML-TRVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.8V 300MA 6DFN<br/>In stock: 5221 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MAQ5283-3.3YME-T5VAO</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 3.3V 0.15A 8SOIC<br/>In stock: 5026 pcs</div> <div>RFQ</div>                     |
| <div>MICROCHIP</div> <div><b>MAQ5300-2.8YML-T5VAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 300MA 6DFN<br/>In stock: 3748 pcs</div> <div>RFQ</div>   | <div></div> <div><b>MAQ5283-5.0YME-T5VAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 5V 150MA 8SOIC<br/>In stock: 4372 pcs</div> <div>RFQ</div>           |
| <div></div> <div><b>MAQ5283YME-T5VAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LIN POS ADJ 150MA 8SOIC<br/>In stock: 6232 pcs</div> <div>RFQ</div>               | <div>MICROCHIP</div> <div><b>MAQ5300-1.5YML-TRVAO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.5V 300MA 6DFN<br/>In stock: 4739 pcs</div> <div>RFQ</div> |