

MICROCHIP

Micrel / Microchip Technology

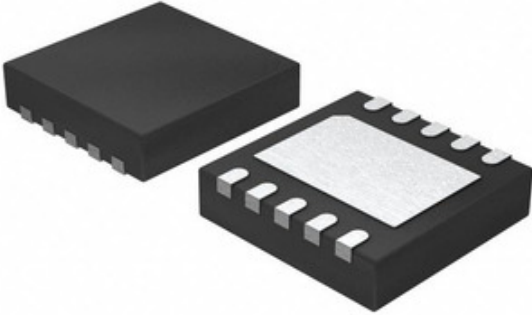


Image may be representation. See specifications for product details.

MIC2145YML-TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2145YML-TR                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG MULT CONFIG ADJ 0.5A 10MLF                                                                            |
| Datasheets:         |  MIC2145YML-TR.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

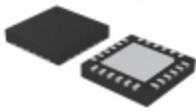
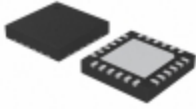
Specifications of MIC2145YML-TR

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2145YML-TR                                                                                                      |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                      |
| DESCRIPTION                      | IC REG MULT CONFIG ADJ 0.5A 10MLF                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| DATA SHEET                       |  MIC2145YML-TR.pdf              |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.4V                                                                                                               |
| VOLTAGE - OUTPUT (MAX)           | 16V                                                                                                                |
| VOLTAGE - INPUT (MIN)            | 2.4V                                                                                                               |
| VOLTAGE - INPUT (MAX)            | 16V                                                                                                                |
| TOPOLOGY                         | Boost, Flyback, SEPIC                                                                                              |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                 |
| SUPPLIER DEVICE PACKAGE          | 10-MLF® (3x3)                                                                                                      |
| SERIES                           | -                                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                                   |
| PACKAGE / CASE                   | 10-VFDFN Exposed Pad, 10-MLF®                                                                                      |
| OUTPUT TYPE                      | Adjustable                                                                                                         |
| OUTPUT CONFIGURATION             | Positive                                                                                                           |
| OTHER NAMES                      | 576-2598-2<br>MIC2145YML TR<br>MIC2145YML TR-ND<br>MIC2145YMLTR<br>MIC2145YMLTR-ND                                 |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                  |
| 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, Step-Up/Step-Down                                                                                         |
| FREQUENCY - SWITCHING            | 450kHz                                                                                                             |
| DETAILED DESCRIPTION             | Boost, Flyback, SEPIC Switching Regulator IC Positive Adjustable 2.4V 1 Output 500mA 10-VFDFN Exposed Pad, 10-MLF® |
| CURRENT - OUTPUT                 | 500mA                                                                                                              |
| BASE PART NUMBER                 | MIC2145                                                                                                            |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MIC2145YML-TR | MIC2145YML-TR Distributor              | MIC2145YML-TR Supplier                               |
| MIC2145YML-TR Price                         | MIC2145YML-TR Pictures                 | MIC2145YML-TR Image                                  |
| MIC2145YML-TR PDF Datasheet                 | MIC2145YML-TR Download Datasheet       | MIC2145YML-TR Datasheet                              |
| MIC2145YML-TR Stock                         | Buy MIC2145YML-TR                      | Buy Micrel / Microchip Technology MIC2145YML-TR      |
| Micrel / Microchip Technology MIC2145YML-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC2145YML-TR | Microchip Technology MIC2145YML-TR     | Roving Networks / Microchip Technology MIC2145YML-TR |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC2151YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 24MLF<br/>In stock: Out stock<br/>RFQ</div>        |  <div><b>MIC2145BMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG MULT CONFIG ADJ 0.5A 8MSOP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MIC2150YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 24MLF<br/>In stock: Out stock<br/>RFQ</div>        |  <div><b>MIC2142YM5-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG MULT CONFIG ADJ 0.2A SOT23<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MIC2145YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG MULT CONFIG ADJ 0.5A 8MSOP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MIC2155YML-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG CTRLR BUCK 32MLF<br/>In stock: Out stock<br/>RFQ</div>                    |
|  <div><b>MIC2145BML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG MULT CONFIG ADJ 0.5A 10MLF<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MIC2145BMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG MULT CONFIG ADJ 0.5A 8MSOP<br/>In stock: Out stock<br/>RFQ</div>    |
|  <div><b>MIC2155YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 32MLF<br/>In stock: Out stock<br/>RFQ</div>        |  <div><b>MIC2145YMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG MULT CONFIG ADJ 0.5A 8MSOP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>MIC2145YML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG MULT CONFIG ADJ 0.5A 10MLF<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MIC2145BML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG MULT CONFIG ADJ 0.5A 10MLF<br/>In stock: Out stock<br/>RFQ</div> |