



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MIC2174C-1YMM-TR

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2174C-1YMM-TR                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                          |
| Product description | IC REG CTRLR BUCK 10MSOP                                                                                               |
| Datasheets:         |  <a href="#">MIC2174C-1YMM-TR.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant           |
| Stock Condition     | 6550 pcs stock                                                                                                         |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

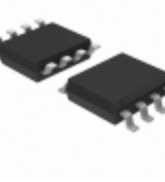
Specifications of MIC2174C-1YMM-TR

|                                  |                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2174C-1YMM-TR                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                            |
| DESCRIPTION                      | IC REG CTRLR BUCK 10MSOP                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| QUANTITY AVAILABLE               | 6550 pcs                                                                                                                 |
| DATA SHEET                       |  <a href="#">MIC2174C-1YMM-TR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 40 V                                                                                                               |
| TOPOLOGY                         | Buck                                                                                                                     |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 10-MSOP                                                                                                                  |
| SERIES                           | Hyper Speed Control®                                                                                                     |
| SERIAL INTERFACES                | -                                                                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                   | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)                                                                                 |
| OUTPUT TYPE                      | Transistor Driver                                                                                                        |
| OUTPUT PHASES                    | 1                                                                                                                        |
| OUTPUT CONFIGURATION             | Positive                                                                                                                 |
| OTHER NAMES                      | MIC2174C-1YMM TR<br>MIC2174C-1YMM TR-ND                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                       |
| NUMBER OF OUTPUTS                | 1                                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                               |
| FUNCTION                         | Step-Down                                                                                                                |
| FREQUENCY - SWITCHING            | 270kHz                                                                                                                   |
| DUTY CYCLE (MAX)                 | 87%                                                                                                                      |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 10-MSOP                                                     |
| CONTROL FEATURES                 | Enable                                                                                                                   |
| CLOCK SYNC                       | No                                                                                                                       |
| BASE PART NUMBER                 | MIC2174                                                                                                                  |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MIC2174C-1YMM-TR | MIC2174C-1YMM-TR Distributor           | MIC2174C-1YMM-TR Supplier                               |
| MIC2174C-1YMM-TR Price                         | MIC2174C-1YMM-TR Pictures              | MIC2174C-1YMM-TR Image                                  |
| MIC2174C-1YMM-TR PDF Datasheet                 | MIC2174C-1YMM-TR Download Datasheet    | MIC2174C-1YMM-TR Datasheet                              |
| MIC2174C-1YMM-TR Stock                         | Buy MIC2174C-1YMM-TR                   | Buy Micrel / Microchip Technology MIC2174C-1YMM-TR      |
| Micrel / Microchip Technology MIC2174C-1YMM-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MIC2174C-1YMM-TR | Microchip Technology MIC2174C-1YMM-TR  | Roving Networks / Microchip Technology MIC2174C-1YMM-TR |

Related Products

|                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC2174C-1YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 148031 pcs<br/><b>RFQ</b></div>       |  <div><b>MIC2176-2YMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 60515 pcs<br/><b>RFQ</b></div> |
|  <div><b>MIC2176-1YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 52336 pcs<br/><b>RFQ</b></div>         |  <div><b>MIC2176-2YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 59108 pcs<br/><b>RFQ</b></div>    |
|  <div><b>MIC2172YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG MULT CONFIG INV ISO 8SOIC<br/>In stock: 49161 pcs<br/><b>RFQ</b></div> |  <div><b>MIC2176-2YMM</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 3064 pcs<br/><b>RFQ</b></div>              |
|  <div><b>MIC2174-1YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 95628 pcs<br/><b>RFQ</b></div>         |  <div><b>MIC2176-3YMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 74245 pcs<br/><b>RFQ</b></div>    |
|  <div><b>MIC2172YN</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG MULT CONFIG INV ISO 8DIP<br/>In stock: 22617 pcs<br/><b>RFQ</b></div>     |  <div><b>MIC2174-1YMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 57244 pcs<br/><b>RFQ</b></div> |
|  <div><b>MIC2176-1YMM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG CTRLR BUCK 10MSOP<br/>In stock: 71364 pcs<br/><b>RFQ</b></div>      |  <div><b>MIC2172YN</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG MULT CONFIG INV ISO 8DIP<br/>In stock: 4840 pcs<br/><b>RFQ</b></div>          |