

MICROCHIP

Micrel / Microchip Technology

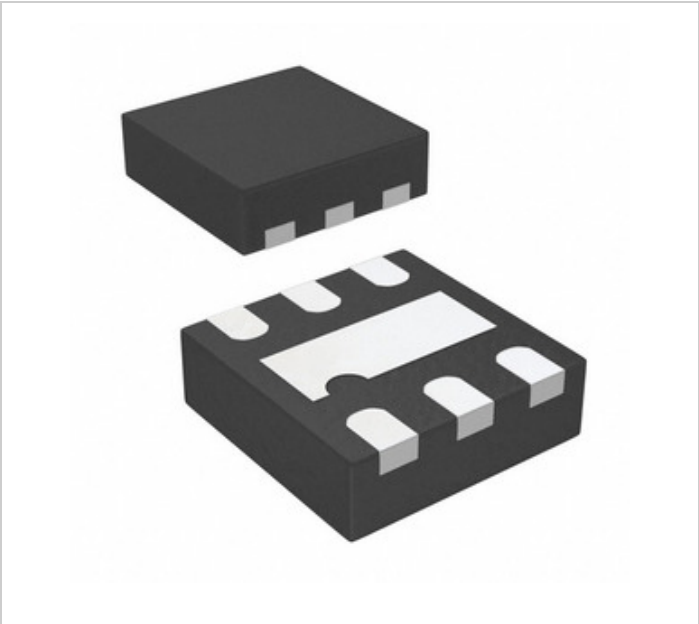


Image may be representation. See specifications for product details.

### MIC94345-SYMT-T5

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC94345-SYMT-T5                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG LINEAR 3.3V 500MA 6TDFN                                                                               |
| Datasheets:         |  MIC94345-SYMT-T5.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 216938 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

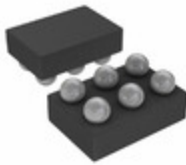
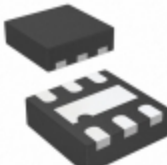
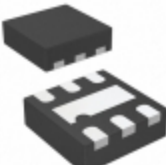
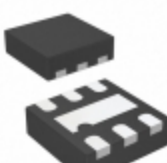
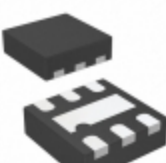
#### Specifications of MIC94345-SYMT-T5

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC94345-SYMT-T5                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                            |
| DESCRIPTION                      | IC REG LINEAR 3.3V 500MA 6TDFN                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 216938 pcs                                                                                               |
| DATA SHEET                       |  MIC94345-SYMT-T5.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.2V @ 500mA                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3.3V                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                        |
| VOLTAGE - INPUT (MAX)            | 3.6V                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 6-TDFN (1.6x1.6)                                                                                         |
| SERIES                           | Ripple Blocker™                                                                                          |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                           |
| PACKAGING                        | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                   | 6-UFDFN Exposed Pad                                                                                      |
| PSRR                             | 85dB ~ 50dB (100Hz ~ 5MHz)                                                                               |
| OUTPUT TYPE                      | Fixed                                                                                                    |
| OUTPUT CONFIGURATION             | Positive                                                                                                 |
| OTHER NAMES                      | 576-4244-2<br>MIC94345-SYMT T5<br>MIC94345SYMTT5                                                         |
| 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 Positive Fixed 1 Output 3.3V 500mA 6-TDFN (1.6x1.6)                          |
| CURRENT - QUIESCENT (IQ)         | 250µA                                                                                                    |
| CURRENT - OUTPUT                 | 500mA                                                                                                    |
| CONTROL FEATURES                 | Enable                                                                                                   |
| BASE PART NUMBER                 | MIC94345                                                                                                 |

#### Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MIC94345-SYMT-T5 | MIC94345-SYMT-T5 Distributor           | MIC94345-SYMT-T5 Supplier                               |
| MIC94345-SYMT-T5 Price                         | MIC94345-SYMT-T5 Pictures              | MIC94345-SYMT-T5 Image                                  |
| MIC94345-SYMT-T5 PDF Datasheet                 | MIC94345-SYMT-T5 Download Datasheet    | MIC94345-SYMT-T5 Datasheet                              |
| MIC94345-SYMT-T5 Stock                         | Buy MIC94345-SYMT-T5                   | Buy Micrel / Microchip Technology MIC94345-SYMT-T5      |
| Micrel / Microchip Technology MIC94345-SYMT-T5 | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MIC94345-SYMT-T5 | Microchip Technology MIC94345-SYMT-T5  | Roving Networks / Microchip Technology MIC94345-SYMT-T5 |

#### Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC94355-4YCS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 500MA 6WLCSP<br/>In stock: 332826 pcs<br/><b>RFQ</b></div> |  <div><b>MIC94355-4YMT-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 500MA 6TDFN<br/>In stock: 215977 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MIC94355-4YMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.2V 500MA 6TDFN<br/>In stock: 334247 pcs<br/><b>RFQ</b></div>  |  <div><b>MIC94355-4YMT-EV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EVAL BRD 1.2V 500MA LDO MIC94355<br/>In stock: 5617 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MIC94345-SYCS TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 3.3V 500MA 6WLCSP<br/>In stock: 256953 pcs<br/><b>RFQ</b></div> |  <div><b>MIC94355-FYCS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 1.5V 500MA 6WLCSP<br/>In stock: 318128 pcs<br/><b>RFQ</b></div> |
|  <div><b>MIC94345-MYMT-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 500MA 6TDFN<br/>In stock: 214728 pcs<br/><b>RFQ</b></div>  |  <div><b>MIC94345-MYMT-T5</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG LDO 2.8V 0.5A 6TDFN<br/>In stock: 183502 pcs<br/><b>RFQ</b></div>               |
|  <div><b>MIC94345-SYMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LDO 3.3V 0.5A 6TDFN<br/>In stock: 234303 pcs<br/><b>RFQ</b></div>      |  <div><b>MIC94345-MYMT-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 500MA 6TDFN<br/>In stock: 296077 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MIC94345-PYCS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR - 500MA 6WLCSP<br/>In stock: 310142 pcs<br/><b>RFQ</b></div>    |  <div><b>MIC94345-MYCS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG LINEAR 2.8V 500MA 6WLCSP<br/>In stock: 98667 pcs<br/><b>RFQ</b></div>  |