



Micrel / Microchip Technology

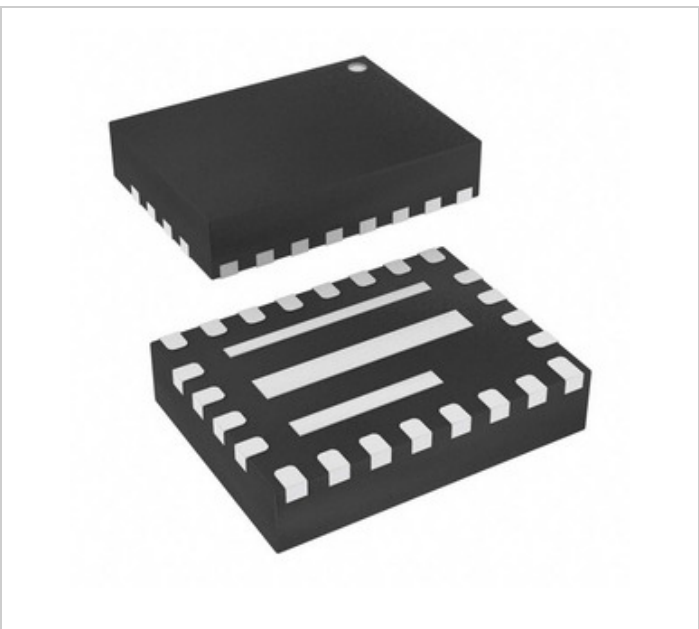


Image may be representation. See specifications for product details.

## MIC28513-2YFL-T5

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC28513-2YFL-T5                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG BUCK ADJ 4A SYNC 24FCQFN                                                                              |
| Datasheets:         |  MIC28513-2YFL-T5.pdf       |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 35339 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

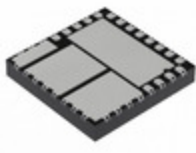
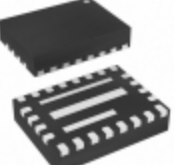
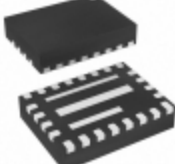
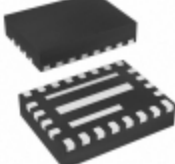
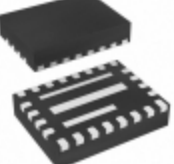
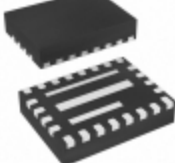
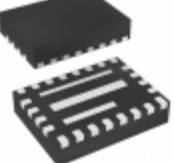
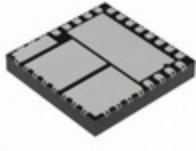
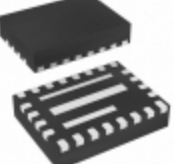
### Specifications of MIC28513-2YFL-T5

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC28513-2YFL-T5                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                            |
| DESCRIPTION                      | IC REG BUCK ADJ 4A SYNC 24FCQFN                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 35339 pcs                                                                                                |
| DATA SHEET                       |  MIC28513-2YFL-T5.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | 38.25V                                                                                                   |
| VOLTAGE - INPUT (MIN)            | 4.6V                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 45V                                                                                                      |
| TOPOLOGY                         | Buck                                                                                                     |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 24-FCQFN (3x4)                                                                                           |
| SERIES                           | Hyper Speed Control®                                                                                     |
| PACKAGING                        | Cut Tape (CT)                                                                                            |
| PACKAGE / CASE                   | 24-VFQFN Exposed Pad, FC                                                                                 |
| OUTPUT TYPE                      | Adjustable                                                                                               |
| OUTPUT CONFIGURATION             | Positive                                                                                                 |
| OTHER NAMES                      | 576-4885-1                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                       |
| NUMBER OF OUTPUTS                | 1                                                                                                        |
| MOUNTING TYPE                    | Surface Mount                                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| FUNCTION                         | Step-Down                                                                                                |
| FREQUENCY - SWITCHING            | 200kHz ~ 680kHz                                                                                          |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 4A 24-VFQFN Exposed Pad, FC                |
| CURRENT - OUTPUT                 | 4A                                                                                                       |
| BASE PART NUMBER                 | MIC28513                                                                                                 |

### Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology MIC28513-2YFL-T5 | MIC28513-2YFL-T5 Distributor           | MIC28513-2YFL-T5 Supplier                               |
| MIC28513-2YFL-T5 Price                         | MIC28513-2YFL-T5 Pictures              | MIC28513-2YFL-T5 Image                                  |
| MIC28513-2YFL-T5 PDF Datasheet                 | MIC28513-2YFL-T5 Download Datasheet    | MIC28513-2YFL-T5 Datasheet                              |
| MIC28513-2YFL-T5 Stock                         | Buy MIC28513-2YFL-T5                   | Buy Micrel / Microchip Technology MIC28513-2YFL-T5      |
| Micrel / Microchip Technology MIC28513-2YFL-T5 | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology MIC28513-2YFL-T5 | Microchip Technology MIC28513-2YFL-T5  | Roving Networks / Microchip Technology MIC28513-2YFL-T5 |

### Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                  |
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|  <div><b>MIC28515T-E/PHA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 75V/5A HYPER SPEED CONTROL SYNCH<br/>In stock: 42668 pcs<br/><b>RFQ</b></div> |  <div><b>MIC28512-1YFL-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2A SYNC<br/>In stock: 73171 pcs<br/><b>RFQ</b></div>          |
|  <div><b>MIC28513-1YFL-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 4A SYNC<br/>In stock: 92502 pcs<br/><b>RFQ</b></div>         |  <div><b>MIC2860-2DYC6-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC LED DRIVER LINEAR DIM SC70-6<br/>In stock: 4688 pcs<br/><b>RFQ</b></div>            |
|  <div><b>MIC28513-1YFL-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 4A SYNC<br/>In stock: 42927 pcs<br/><b>RFQ</b></div>         |  <div><b>MIC28512-2YFL-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2A SYNC 24FCQFN<br/>In stock: 57837 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MIC28513-2YFL-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 4A SYNC 24FCQFN<br/>In stock: 82400 pcs<br/><b>RFQ</b></div> |  <div><b>MIC28513-2YFL-T5</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG BUCK ADJ 4A SYNC 24FCQFN<br/>In stock: 4228 pcs<br/><b>RFQ</b></div>            |
|  <div><b>MIC28514T-E/PHA</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: 75V HIGH PERFORMANCE BUCK REGULA<br/>In stock: 35810 pcs<br/><b>RFQ</b></div> |  <div><b>MIC28512-2YFL-T5</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2A SYNC 24FCQFN<br/>In stock: 26209 pcs<br/><b>RFQ</b></div>  |
|  <div><b>MIC28512-2YFL-EV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EVAL BOARD FOR MIC28512-2<br/>In stock: 6405 pcs<br/><b>RFQ</b></div>        |  <div><b>MIC2860-2DYC6-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC LED DRIVER LINEAR DIM SC70-6<br/>In stock: 336512 pcs<br/><b>RFQ</b></div> |