

MICROCHIP

Micrel / Microchip Technology



### MIC22600YTSE-TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC22600YTSE-TR                                                                                              |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG BUCK ADJ 6A SYNC 24TSSOP                                                                              |
| Datasheets:         |  MIC22600YTSE-TR.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 36380 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

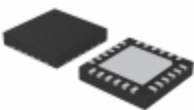
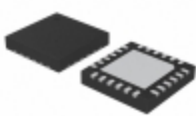
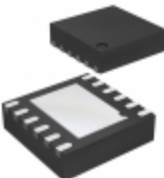
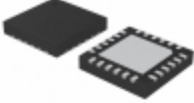
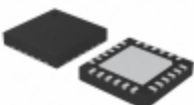
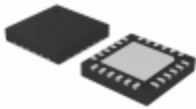
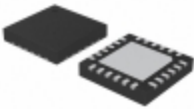
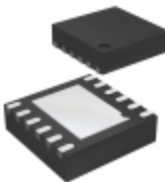
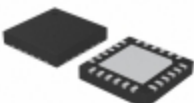
#### Specifications of MIC22600YTSE-TR

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC22600YTSE-TR                                                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                |
| DESCRIPTION                      | IC REG BUCK ADJ 6A SYNC 24TSSOP                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| QUANTITY AVAILABLE               | 36380 pcs                                                                                                    |
| DATA SHEET                       |  MIC22600YTSE-TR.pdf      |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.7V                                                                                                         |
| VOLTAGE - OUTPUT (MAX)           | 5.5V                                                                                                         |
| VOLTAGE - INPUT (MIN)            | 2.6V                                                                                                         |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                         |
| TOPOLOGY                         | Buck                                                                                                         |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 24-TSSOP-EP                                                                                                  |
| SERIES                           | -                                                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                             |
| PACKAGE / CASE                   | 24-TSSOP (0.173", 4.40mm Width) Exposed Pad                                                                  |
| OUTPUT TYPE                      | Adjustable                                                                                                   |
| OUTPUT CONFIGURATION             | Positive                                                                                                     |
| OTHER NAMES                      | MIC22600YTSE TR<br>MIC22600YTSE TR-ND                                                                        |
| 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            | 1MHz                                                                                                         |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 0.7V 1 Output 6A 24-TSSOP (0.173", 4.40mm Width) Exposed Pad |
| CURRENT - OUTPUT                 | 6A                                                                                                           |
| BASE PART NUMBER                 | MIC22600                                                                                                     |

#### Related Tags

|                                               |                                        |                                                        |
|-----------------------------------------------|----------------------------------------|--------------------------------------------------------|
| Micrel / Microchip Technology MIC22600YTSE-TR | MIC22600YTSE-TR Distributor            | MIC22600YTSE-TR Supplier                               |
| MIC22600YTSE-TR Price                         | MIC22600YTSE-TR Pictures               | MIC22600YTSE-TR Image                                  |
| MIC22600YTSE-TR PDF Datasheet                 | MIC22600YTSE-TR Download Datasheet     | MIC22600YTSE-TR Datasheet                              |
| MIC22600YTSE-TR Stock                         | Buy MIC22600YTSE-TR                    | Buy Micrel / Microchip Technology MIC22600YTSE-TR      |
| Micrel / Microchip Technology MIC22600YTSE-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor              |
| Micrel / Microchip Technology MIC22600YTSE-TR | Microchip Technology MIC22600YTSE-TR   | Roving Networks / Microchip Technology MIC22600YTSE-TR |

#### Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC2251YML-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG BOOST ADJ 0.9A 8MLF<br/>In stock: 156079 pcs<br/>RFQ</div>              |  <div><b>MIC22600YML-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG BUCK ADJ 6A SYNC 24MLF<br/>In stock: 3491 pcs<br/>RFQ</div>            |
|  <div><b>MIC22600YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 6A SYNC 24MLF<br/>In stock: 64684 pcs<br/>RFQ</div>  |  <div><b>MIC2253-06YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 3.5A 12MLF<br/>In stock: 132208 pcs<br/>RFQ</div> |
|  <div><b>MIC2253-06YML-EV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: EVAL BOARD HIGH EFF BOOST REG<br/>In stock: 5702 pcs<br/>RFQ</div> |  <div><b>MIC22601YML-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG BUCK ADJ 6A SYNC 24MLF<br/>In stock: 3372 pcs<br/>RFQ</div>            |
|  <div><b>MIC22600YTSE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 6A SYNC 24TSSOP<br/>In stock: 35977 pcs<br/>RFQ</div>  |  <div><b>MIC22602YML-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG BUCK ADJ 6A SYNC 24MLF<br/>In stock: 4281 pcs<br/>RFQ</div>            |
|  <div><b>MIC22700YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 7A SYNC 24MLF<br/>In stock: 33733 pcs<br/>RFQ</div>  |  <div><b>MIC22601YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 6A SYNC 24MLF<br/>In stock: 65825 pcs<br/>RFQ</div>  |
|  <div><b>MIC2267YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 0.5A SYNC 12MLF<br/>In stock: 74184 pcs<br/>RFQ</div> |  <div><b>MIC22602YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 6A SYNC 24MLF<br/>In stock: 38265 pcs<br/>RFQ</div>  |