



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MIC2605YML-TR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC2605YML-TR                                                                                                |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC REG BOOST ADJ 0.5A 8MLF                                                                                   |
| Datasheets:         |  MIC2605YML-TR.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 126230 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

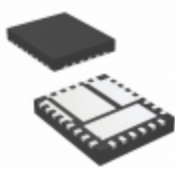
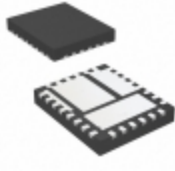
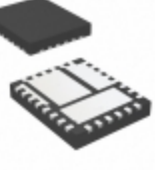
Specifications of MIC2605YML-TR

|                                  |                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC2605YML-TR                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                            |
| DESCRIPTION                      | IC REG BOOST ADJ 0.5A 8MLF                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                               |
| QUANTITY AVAILABLE               | 126230 pcs                                                                                               |
| DATA SHEET                       |  MIC2605YML-TR.pdf    |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 4.5V                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | 40V (Switch)                                                                                             |
| VOLTAGE - INPUT (MIN)            | 4.5V                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 20V                                                                                                      |
| TOPOLOGY                         | Boost                                                                                                    |
| SYNCHRONOUS RECTIFIER            | No                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 8-MLF® (2x2)                                                                                             |
| SERIES                           | -                                                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                         |
| PACKAGE / CASE                   | 8-VDFN Exposed Pad, 8-MLF®                                                                               |
| OUTPUT TYPE                      | Adjustable                                                                                               |
| OUTPUT CONFIGURATION             | Positive                                                                                                 |
| OTHER NAMES                      | 576-3258-2<br>MIC2605YML TR<br>MIC2605YMLTR                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                       |
| 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                                                                                                  |
| FREQUENCY - SWITCHING            | 1.2MHz                                                                                                   |
| DETAILED DESCRIPTION             | Boost Switching Regulator IC Positive Adjustable 4.5V 1 Output 500mA (Switch) 8-VDFN Exposed Pad, 8-MLF® |
| CURRENT - OUTPUT                 | 500mA (Switch)                                                                                           |
| BASE PART NUMBER                 | MIC2605                                                                                                  |

Related Tags

|                                             |                                        |                                                      |
|---------------------------------------------|----------------------------------------|------------------------------------------------------|
| Micrel / Microchip Technology MIC2605YML-TR | MIC2605YML-TR Distributor              | MIC2605YML-TR Supplier                               |
| MIC2605YML-TR Price                         | MIC2605YML-TR Pictures                 | MIC2605YML-TR Image                                  |
| MIC2605YML-TR PDF Datasheet                 | MIC2605YML-TR Download Datasheet       | MIC2605YML-TR Datasheet                              |
| MIC2605YML-TR Stock                         | Buy MIC2605YML-TR                      | Buy Micrel / Microchip Technology MIC2605YML-TR      |
| Micrel / Microchip Technology MIC2605YML-TR | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor            |
| Micrel / Microchip Technology MIC2605YML-TR | Microchip Technology MIC2605YML-TR     | Roving Networks / Microchip Technology MIC2605YML-TR |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                             |
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| <div></div> <div><b>MIC261201YJL-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 12A SYNC 28MLF<br/>In stock: 38041 pcs<br/><b>RFQ</b></div>   | <div></div> <div><b>MIC2597-2BTSE TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC SW TELECOM HOT SWAP DUAL<br/>In stock: 17495 pcs<br/><b>RFQ</b></div>      |
| <div></div> <div><b>MIC2606YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 0.5A 8MLF<br/>In stock: 110204 pcs<br/><b>RFQ</b></div>        | <div></div> <div><b>MIC2606YML-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG BOOST ADJ 0.5A 8MLF<br/>In stock: 4595 pcs<br/><b>RFQ</b></div>                    |
| <div></div> <div><b>MIC261203-ZYJL-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 12A SYNC 28MLF<br/>In stock: 42073 pcs<br/><b>RFQ</b></div> | <div></div> <div><b>MIC2601YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 1.2A 8MLF<br/>In stock: 128875 pcs<br/><b>RFQ</b></div>         |
| <div></div> <div><b>MIC2602YML-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST ADJ 1.2A 8MLF<br/>In stock: 95999 pcs<br/><b>RFQ</b></div>         | <div></div> <div><b>MIC261201YJL-EV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: BOARD EVAL FOR MIC261201YJL<br/>In stock: 3107 pcs<br/><b>RFQ</b></div>        |
| <div></div> <div><b>MIC2597-2BTS TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC SW TELECOM HOT SWAP DUAL<br/>In stock: 14499 pcs<br/><b>RFQ</b></div>      | <div></div> <div><b>MIC261203-ZAYJL-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 12A SYNC 28MLF<br/>In stock: 41967 pcs<br/><b>RFQ</b></div> |
| <div></div> <div><b>MIC2602YML-TR</b><br/>Manufacturers: Microchip Technology<br/>Description: IC REG BOOST ADJ 1.2A 8MLF<br/>In stock: 6683 pcs<br/><b>RFQ</b></div>                   | <div></div> <div><b>MIC2597-2BTSE</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC SW TELECOM HOT SWAP DUAL<br/>In stock: 11523 pcs<br/><b>RFQ</b></div>         |