



Micrel / Microchip Technology

## MIC2570-1YM

|                      |                                  |
|----------------------|----------------------------------|
| Part Number:         | MIC2570-1YM                      |
| Manufacturer/Brand:  | Micrel / Microchip Technology    |
| Product description: | IC REG BOOST SEPIC PROG 1A 8SOIC |
| Datasheets:          | MIC2570-1YM.pdf                  |
| RoHS Status:         | Lead free / RoHS Compliant       |
| Stock Condition:     | 25076 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 MIC2570-1YM

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | MIC2570-1YM  |
| MANUFACTURER                     | Micrel / Microchip Technology  |
| DESCRIPTION                      | IC REG BOOST SEPIC PROG 1A 8SOIC   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| QUANTITY AVAILABLE               | 25076 pcs  |
| DATA SHEET                       | MIC2570-1YM.pdf  |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 2.85V, 3.3V, 5V  |
| VOLTAGE - OUTPUT (MAX)           | -  |
| VOLTAGE - INPUT (MIN)            | 1.3V   |
| VOLTAGE - INPUT (MAX)            | 15V  |
| TOPOLOGY                         | Boost, SEPIC   |
| SYNCHRONOUS RECTIFIER            | No   |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC   |
| SERIES                           | -  |
| PACKAGING                        | Tube   |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)  |
| OUTPUT TYPE                      | Programmable   |
| OUTPUT CONFIGURATION             | Positive   |
| OTHER NAMES                      | 576-2190<br>MIC2570-1YM-ND<br>MIC25701YM   |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)  |
| 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, Step-Up/Step-Down   |
| FREQUENCY - SWITCHING            | 20kHz  |
| DETAILED DESCRIPTION             | Boost, SEPIC Switching Regulator IC Positive Programmable 2.85V, 3.3V, 5V 1 Output 1A (Switch) 8-SOIC (0.154", 3.90mm Width) |
| CURRENT - OUTPUT                 | 1A (Switch)  |
| BASE PART NUMBER                 | MIC2570  |

### Related Tags

|   |  |  |
|---|--|--|
| Micrel / Microchip Technology MIC2570-1YM | MIC2570-1YM Distributor                | MIC2570-1YM Supplier                               |
| MIC2570-1YM Price                         | MIC2570-1YM Pictures                   | MIC2570-1YM Image                                  |
| MIC2570-1YM PDF Datasheet                 | MIC2570-1YM Download Datasheet         | MIC2570-1YM Datasheet                              |
| MIC2570-1YM Stock                         | Buy MIC2570-1YM                        | Buy Micrel / Microchip Technology MIC2570-1YM      |
| Micrel / Microchip Technology MIC2570-1YM | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor          |
| Micrel / Microchip Technology MIC2570-1YM | Microchip Technology MIC2570-1YM       | Roving Networks / Microchip Technology MIC2570-1YM |

### Related Products

|   |  |
|---|--|
| <p><b>MIC2568-1YSM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC PCMCIA/CARDBUS DUAL 28-SSOP<br/>In stock: 5376 pcs</p> <p><b>RFQ</b></p>   | <p><b>MIC2569YS-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POWER SWITCH CABLECARD 16QSOP<br/>In stock: 74486 pcs</p> <p><b>RFQ</b></p>  |
| <p><b>MIC2570-2YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST SEPIC ADJ 1A 8SOIC<br/>In stock: 38398 pcs</p> <p><b>RFQ</b></p>  | <p><b>MIC2568-1YSM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC PCMCIA/CARDBUS DUAL 28-SSOP<br/>In stock: 3727 pcs</p> <p><b>RFQ</b></p>     |
| <p><b>MIC2570-1YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST SEPIC PROG 1A 8SOIC<br/>In stock: 33710 pcs</p> <p><b>RFQ</b></p> | <p><b>MIC2570-2BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST SEPIC ADJ 1A 8SOIC<br/>In stock: 55128 pcs</p> <p><b>RFQ</b></p> |
| <p><b>MIC2570-1BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST SEPIC PROG 1A 8SOIC<br/>In stock: 53922 pcs</p> <p><b>RFQ</b></p> | <p><b>MIC2569YQS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC POWER SWITCH CABLECARD 16QSOP<br/>In stock: 50287 pcs</p> <p><b>RFQ</b></p>    |
| <p><b>MIC2570-2BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST SEPIC ADJ 1A 8SOIC<br/>In stock: 37641 pcs</p> <p><b>RFQ</b></p>     | <p><b>MIC2571-1BMM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST PROG 1A 8MSOP<br/>In stock: 40109 pcs</p> <p><b>RFQ</b></p>        |
| <p><b>MIC2570-2YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST SEPIC ADJ 1A 8SOIC<br/>In stock: 32312 pcs</p> <p><b>RFQ</b></p>     | <p><b>MIC2570-1BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BOOST SEPIC PROG 1A 8SOIC<br/>In stock: 43014 pcs</p> <p><b>RFQ</b></p>   |