

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

MIC4681YM

|                     |                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------|
| Part Number:        | MIC4681YM                                                                                                       |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                   |
| Product description | IC REG BUCK ADJ 1A 8SOIC                                                                                        |
| Datasheets:         |  <a href="#">MIC4681YM.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant    |
| Stock Condition     | 34776 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                           |

REQUEST FOR QUOTATION

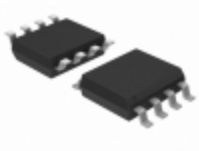
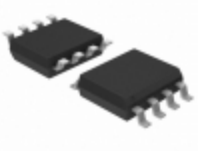
Specifications of MIC4681YM

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MIC4681YM                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                     |
| DESCRIPTION                      | IC REG BUCK ADJ 1A 8SOIC                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE               | 34776 pcs                                                                                                         |
| DATA SHEET                       |  <a href="#">MIC4681YM.pdf</a> |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.25V                                                                                                             |
| VOLTAGE - OUTPUT (MAX)           | 28.5V                                                                                                             |
| VOLTAGE - INPUT (MIN)            | 4V                                                                                                                |
| VOLTAGE - INPUT (MAX)            | 30V                                                                                                               |
| TOPOLOGY                         | Buck                                                                                                              |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                            |
| SERIES                           | SuperSwitcher™                                                                                                    |
| PACKAGING                        | Tube                                                                                                              |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                     |
| OUTPUT TYPE                      | Adjustable                                                                                                        |
| OUTPUT CONFIGURATION             | Positive                                                                                                          |
| OTHER NAMES                      | 576-1801-5<br>MIC4681YM-ND                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                                                |
| NUMBER OF OUTPUTS                | 1                                                                                                                 |
| MOUNTING TYPE                    | Surface Mount                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| FUNCTION                         | Step-Down                                                                                                         |
| FREQUENCY - SWITCHING            | 200kHz                                                                                                            |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Adjustable 1.25V 1 Output 1A 8-SOIC (0.154", 3.90mm Width)                   |
| CURRENT - OUTPUT                 | 1A                                                                                                                |
| BASE PART NUMBER                 | MIC4681                                                                                                           |

Related Tags

|                                         |                                        |                                                  |
|-----------------------------------------|----------------------------------------|--------------------------------------------------|
| Micrel / Microchip Technology MIC4681YM | MIC4681YM Distributor                  | MIC4681YM Supplier                               |
| MIC4681YM Price                         | MIC4681YM Pictures                     | MIC4681YM Image                                  |
| MIC4681YM PDF Datasheet                 | MIC4681YM Download Datasheet           | MIC4681YM Datasheet                              |
| MIC4681YM Stock                         | Buy MIC4681YM                          | Buy Micrel / Microchip Technology MIC4681YM      |
| Micrel / Microchip Technology MIC4681YM | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor        |
| Micrel / Microchip Technology MIC4681YM | Microchip Technology MIC4681YM         | Roving Networks / Microchip Technology MIC4681YM |

Related Products

|                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MIC4681-3.3BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 1A 8SOIC<br/>In stock: 29021 pcs<br/><div>RFQ</div></div> |  <div><b>MIC4681BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 1A 8SOIC<br/>In stock: 44462 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MIC4682BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2A 8SOIC<br/>In stock: 18698 pcs<br/><div>RFQ</div></div>      |  <div><b>MIC4684-3.3BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 2A 8SOIC<br/>In stock: 32889 pcs<br/><div>RFQ</div></div>    |
|  <div><b>MIC4681BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 1A 8SOIC<br/>In stock: 29030 pcs<br/><div>RFQ</div></div>      |  <div><b>MIC4681-5.0BM TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 5V 1A 8SOIC<br/>In stock: 46341 pcs<br/><div>RFQ</div></div>   |
|  <div><b>MIC4682BM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2A 8SOIC<br/>In stock: 28501 pcs<br/><div>RFQ</div></div>   |  <div><b>MIC4681YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 1A 8SOIC<br/>In stock: 42879 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MIC4681-5.0BM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 5V 1A 8SOIC<br/>In stock: 27015 pcs<br/><div>RFQ</div></div>   |  <div><b>MIC4681-3.3BM TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK 3.3V 1A 8SOIC<br/>In stock: 45059 pcs<br/><div>RFQ</div></div> |
|  <div><b>MIC4682YM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2A 8SOIC<br/>In stock: 24489 pcs<br/><div>RFQ</div></div>      |  <div><b>MIC4682YM-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC REG BUCK ADJ 2A 8SOIC<br/>In stock: 38049 pcs<br/><div>RFQ</div></div>      |