

MICROCHIP

Micrel / Microchip Technology

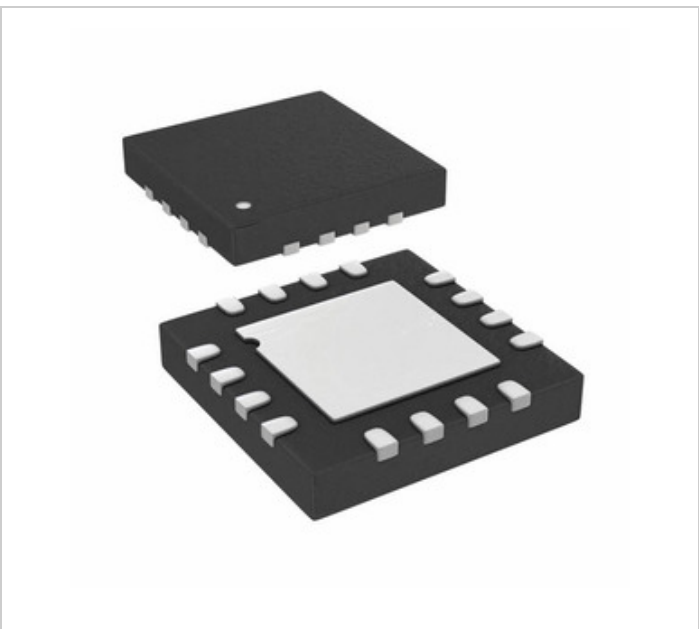


Image may be representation. See specifications for product details.

SY89831UMG

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SY89831UMG                                                                                                   |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC CLK BUFFER 1:4 2GHZ 16MLF                                                                                 |
| Datasheets:         |  SY89831UMG.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 17381 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

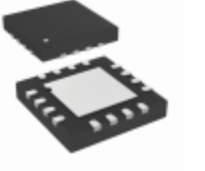
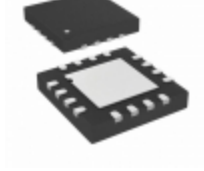
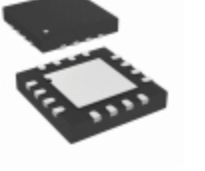
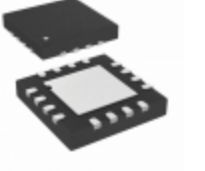
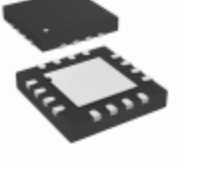
Specifications of SY89831UMG

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SY89831UMG                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                      |
| DESCRIPTION                      | IC CLK BUFFER 1:4 2GHZ 16MLF                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 17381 pcs                                                                                          |
| DATA SHEET                       |  SY89831UMG.pdf |
| VOLTAGE - SUPPLY                 | 2.375 V ~ 3.6 V                                                                                    |
| TYPE                             | Fanout Buffer (Distribution), Translator                                                           |
| SUPPLIER DEVICE PACKAGE          | 16-MLF® (3x3)                                                                                      |
| SERIES                           | Precision Edge®                                                                                    |
| RATIO - INPUT:OUTPUT             | 1:4                                                                                                |
| PACKAGING                        | Tube                                                                                               |
| PACKAGE / CASE                   | 16-VFQFN Exposed Pad, 16-MLF®                                                                      |
| OUTPUT                           | LVPECL                                                                                             |
| OTHER NAMES                      | 576-1431                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                       |
| NUMBER OF CIRCUITS               | 1                                                                                                  |
| MOUNTING TYPE                    | Surface Mount                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| INPUT                            | CML, LVDS, LVPECL                                                                                  |
| FREQUENCY - MAX                  | 2GHz                                                                                               |
| DIFFERENTIAL - INPUT:OUTPUT      | Yes/Yes                                                                                            |
| DETAILED DESCRIPTION             | Clock Fanout Buffer (Distribution), Translator IC 1:4 2GHz 16-VFQFN Exposed Pad, 16-MLF®           |
| BASE PART NUMBER                 | SY89831                                                                                            |

Related Tags

|                                          |                                        |                                                   |
|------------------------------------------|----------------------------------------|---------------------------------------------------|
| Micrel / Microchip Technology SY89831UMG | SY89831UMG Distributor                 | SY89831UMG Supplier                               |
| SY89831UMG Price                         | SY89831UMG Pictures                    | SY89831UMG Image                                  |
| SY89831UMG PDF Datasheet                 | SY89831UMG Download Datasheet          | SY89831UMG Datasheet                              |
| SY89831UMG Stock                         | Buy SY89831UMG                         | Buy Micrel / Microchip Technology SY89831UMG      |
| Micrel / Microchip Technology SY89831UMG | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor         |
| Micrel / Microchip Technology SY89831UMG | Microchip Technology SY89831UMG        | Roving Networks / Microchip Technology SY89831UMG |

Related Products

|                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                    |
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| <div>MICROCHIP</div> <div><b>SY89830UK4I-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:4 2.5GHZ 16TSSOP<br/>In stock: 32112 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div><b>SY89830UK4G-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:4 2.5GHZ 16TSSOP<br/>In stock: 29154 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div><b>SY89829UHY-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:10 2GHZ 64TQFP<br/>In stock: 9119 pcs</div> <div>RFQ</div>     | <div>MICROCHIP</div> <div><b>SY89832UMI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 1:4 2.5GHZ 16MLF<br/>In stock: 26124 pcs</div> <div>RFQ</div>       |
| <div>MICROCHIP</div> <div><b>SY89831UMI-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 1:4 2GHZ 16MLF<br/>In stock: 35179 pcs</div> <div>RFQ</div>      | <div>MICROCHIP</div> <div><b>SY89832UMG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 1:4 2.5GHZ 16MLF<br/>In stock: 14523 pcs</div> <div>RFQ</div>       |
| <div>MICROCHIP</div> <div><b>SY89830UK4G</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:4 2.5GHZ 16TSSOP<br/>In stock: 27383 pcs</div> <div>RFQ</div>    | <div>MICROCHIP</div> <div><b>SY89830UK4I</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:4 2.5GHZ 16TSSOP<br/>In stock: 19366 pcs</div> <div>RFQ</div>    |
| <div>MICROCHIP</div> <div><b>SY89829UHY</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:10 2GHZ 64TQFP<br/>In stock: 7879 pcs</div> <div>RFQ</div>        | <div>MICROCHIP</div> <div><b>SY89832UMG-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 1:4 2.5GHZ 16MLF<br/>In stock: 16680 pcs</div> <div>RFQ</div>    |
| <div>MICROCHIP</div> <div><b>SY89831UMG-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 1:4 2GHZ 16MLF<br/>In stock: 15116 pcs</div> <div>RFQ</div>      | <div>MICROCHIP</div> <div><b>SY89831UMI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 1:4 2GHZ 16MLF<br/>In stock: 26550 pcs</div> <div>RFQ</div>         |