



Micrel / Microchip Technology

**SY100EP15VK4G**

|                      |  |
|----------------------|--|
| Part Number:         | SY100EP15VK4G  |
| Manufacturer/Brand:  | Micrel / Microchip Technology  |
| Product description: | IC CLK BUFFER 2:4 2.5GHZ 16TSSOP   |
| Datasheets:          | <a href="#">SY100EP15VK4G.pdf</a>  |
| RoHS Status:         |  Lead free / RoHS Compliant |
| Ship From:           | Hong Kong  |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS  |

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Image may be representation. See specifications for product details.







**Specifications of SY100EP15VK4G**

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | SY100EP15VK4G   |
| MANUFACTURER                     | Micrel / Microchip Technology   |
| DESCRIPTION                      | IC CLK BUFFER 2:4 2.5GHZ 16TSSOP  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| DATA SHEET                       | <a href="#">SY100EP15VK4G.pdf</a>   |
| VOLTAGE - SUPPLY                 | 2.97 V ~ 5.5 V  |
| TYPE                             | Fanout Buffer (Distribution), Multiplexer   |
| SUPPLIER DEVICE PACKAGE          | 16-TSSOP  |
| SERIES                           | 100EP, Precision Edge®, ECL Pro®  |
| RATIO - INPUT:OUTPUT             | 2:4   |
| PACKAGING                        | Tube  |
| PACKAGE / CASE                   | 16-TSSOP (0.173", 4.40mm Width)   |
| OUTPUT                           | LVECL, LVPECL   |
| OTHER NAMES                      | 576-1992-5<br>SY100EP15VK4G-ND  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C  |
| NUMBER OF CIRCUITS               | 1   |
| MOUNTING TYPE                    | Surface Mount   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)   |
| MANUFACTURER STANDARD LEAD TIME  | 8 Weeks   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant  |
| INPUT                            | HSTL, LVECL, LVPECL   |
| FREQUENCY - MAX                  | 2.5GHz  |
| DIFFERENTIAL - INPUT:OUTPUT      | Yes/Yes   |
| DETAILED DESCRIPTION             | Clock Fanout Buffer (Distribution), Multiplexer IC 2:4 2.5GHz 16-TSSOP (0.173", 4.40mm Width) |
| BASE PART NUMBER                 | SY100EP15   |

**Related Tags**

|   |  |  |
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| <a href="#">SY100EP15VK4G Price</a>                         | <a href="#">SY100EP15VK4G Pictures</a>                 | <a href="#">SY100EP15VK4G Image</a>                                  |
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| <a href="#">Micrel / Microchip Technology SY100EP15VK4G</a> | <a href="#">Microchip Technology SY100EP15VK4G</a>     | <a href="#">Roving Networks / Microchip Technology SY100EP15VK4G</a> |

**Related Products**

|  |   |
|--|---|
|  <p><b>SY100EP16UKG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC LN RCVR DIFF 2.5V/3.3V 8-MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>     |  <p><b>SY100EP14UK4G</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:5 2GHZ 20TSSOP<br/>In stock: 128 pcs<br/><a href="#">RFQ</a></p>      |
|  <p><b>SY100EP15VK4G-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:4 2.5GHZ 16TSSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |  <p><b>SY100EP14UK4I-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:5 2GHZ 20TSSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>SY100EP14UK4I</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:5 2GHZ 20TSSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>      |  <p><b>SY100EP14UK4G-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:5 2GHZ 20TSSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>SY100EP14AUKG-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:5 2GHZ 20TSSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>   |  <p><b>SY100EP16UKG-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC LN RCVR DIFF 2.5V/3.3V 8MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p> |
|  <p><b>SY100EP16LSKI</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC LINE RCVR SGL DIFF 8-MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>        |  <p><b>SY100EP14UK4C</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 2:5 2GHZ 20TSSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>    |
|  <p><b>SY100EP15VK4I</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC CLK BUFFER 4:4 2.5GHZ 16TSSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>    |  <p><b>SY100EP16LSKI-TR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC LINE RCVR SGL DIFF 8-MSOP<br/>In stock: Out stock<br/><a href="#">RFQ</a></p>   |

