



Micrel / Microchip Technology

## TC1413EUA

|                      |                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------|
| Part Number:         | TC1413EUA                                                                                             |
| Manufacturer/Brand:  | Micrel / Microchip Technology                                                                         |
| Product description: | IC MOSFET DRIVER 3A HS INV 8MSOP                                                                      |
| Datasheets:          | <a href="#">1.TC1413EUA.pdf</a><br><a href="#">2.TC1413EUA.pdf</a><br><a href="#">3.TC1413EUA.pdf</a> |
| RoHS Status:         | Lead free / RoHS Compliant                                                                            |
| Stock Condition:     | 78901 pcs stock                                                                                       |
| 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 TC1413EUA

|                                      |                                                                                                       |
|--------------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | TC1413EUA                                                                                             |
| MANUFACTURER                         | Micrel / Microchip Technology                                                                         |
| DESCRIPTION                          | IC MOSFET DRIVER 3A HS INV 8MSOP                                                                      |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE                   | 78901 pcs                                                                                             |
| DATA SHEET                           | <a href="#">1.TC1413EUA.pdf</a><br><a href="#">2.TC1413EUA.pdf</a><br><a href="#">3.TC1413EUA.pdf</a> |
| VOLTAGE - SUPPLY                     | 4.5 V ~ 16 V                                                                                          |
| SUPPLIER DEVICE PACKAGE              | 8-MSOP                                                                                                |
| SERIES                               | -                                                                                                     |
| RISE / FALL TIME (TYP)               | 20ns, 20ns                                                                                            |
| PACKAGING                            | Tube                                                                                                  |
| PACKAGE / CASE                       | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                                                                |
| OPERATING TEMPERATURE                | -40°C ~ 150°C (TJ)                                                                                    |
| NUMBER OF DRIVERS                    | 1                                                                                                     |
| MOUNTING TYPE                        | Surface Mount                                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                         |
| LOGIC VOLTAGE - VIL, VIH             | 0.8V, 2V                                                                                              |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                            |
| INPUT TYPE                           | Inverting                                                                                             |
| GATE TYPE                            | N-Channel, P-Channel MOSFET                                                                           |
| DRIVEN CONFIGURATION                 | Low-Side                                                                                              |
| DETAILED DESCRIPTION                 | Low-Side Gate Driver IC Inverting 8-MSOP                                                              |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 3A, 3A                                                                                                |
| CHANNEL TYPE                         | Single                                                                                                |
| BASE PART NUMBER                     | TC1413                                                                                                |

### Related Tags

|                                         |                                        |                                                  |
|-----------------------------------------|----------------------------------------|--------------------------------------------------|
| Micrel / Microchip Technology TC1413EUA | TC1413EUA Distributor                  | TC1413EUA Supplier                               |
| TC1413EUA Price                         | TC1413EUA Pictures                     | TC1413EUA Image                                  |
| TC1413EUA PDF Datasheet                 | TC1413EUA Download Datasheet           | TC1413EUA Datasheet                              |
| TC1413EUA Stock                         | Buy TC1413EUA                          | Buy Micrel / Microchip Technology TC1413EUA      |
| Micrel / Microchip Technology TC1413EUA | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor        |
| Micrel / Microchip Technology TC1413EUA | Microchip Technology TC1413EUA         | Roving Networks / Microchip Technology TC1413EUA |

### Related Products

|                                                                                                                                                                                                                                   |                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>TC1413CPA</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MOSFET DVR 3A HS INV 8DIP<br/>                 In stock: 88118 pcs<br/> <a href="#">RFQ</a></p>        | <p><b>TC1413EPA</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MOSFET DVR 3A HS INV 8DIP<br/>                 In stock: 76167 pcs<br/> <a href="#">RFQ</a></p>  |
| <p><b>TC1413NEOA</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MOSFET DVR 3A HS 8SOIC<br/>                 In stock: 68964 pcs<br/> <a href="#">RFQ</a></p>          | <p><b>TC1413EOA</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MOSFET DVR 3A HS INV 8SOIC<br/>                 In stock: 90928 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>TC1413NCPA</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MOSFET DVR 3A HS 8DIP<br/>                 In stock: 68625 pcs<br/> <a href="#">RFQ</a></p>           | <p><b>TC1413COA</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MOSFET DVR 3A HS INV 8SOIC<br/>                 In stock: 74301 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>TC1413EUA713</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MOSFET DRIVER 3A HS INV 8MSOP<br/>                 In stock: 78415 pcs<br/> <a href="#">RFQ</a></p> | <p><b>TC1413NCOA</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MOSFET DVR 3A HS 8SOIC<br/>                 In stock: 75912 pcs<br/> <a href="#">RFQ</a></p>    |
| <p><b>TC1413EOA713</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MOSFET DVR 3A HS INV 8SOIC<br/>                 In stock: 70986 pcs<br/> <a href="#">RFQ</a></p>    | <p><b>TC1413NCOA713</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MOSFET DVR 3A HS 8SOIC<br/>                 In stock: 96703 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>TC1413COA713</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MOSFET DVR 3A HS INV 8SOIC<br/>                 In stock: 89023 pcs<br/> <a href="#">RFQ</a></p>    | <p><b>TC1413NEOA713</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MOSFET DVR 3A HS 8SOIC<br/>                 In stock: 66870 pcs<br/> <a href="#">RFQ</a></p> |

