



NXP Semiconductors / Freescale

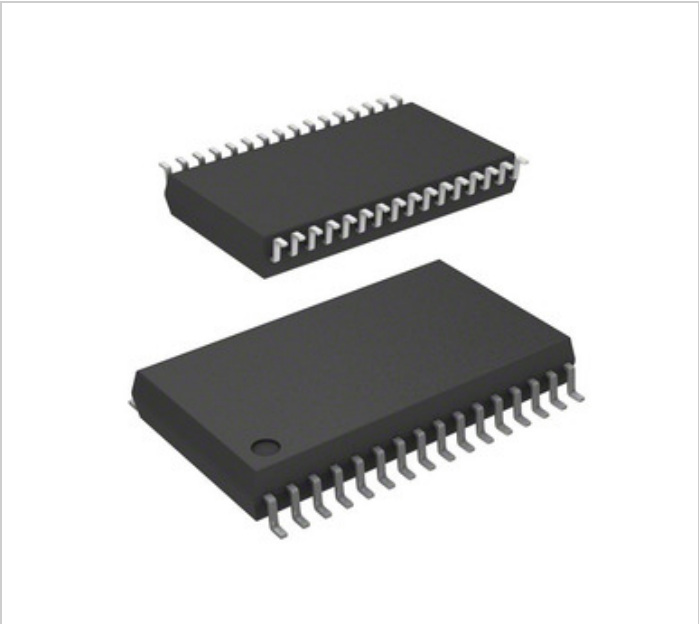


Image may be representation. See specifications for product details.

MC10XSC425EKR2

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC10XSC425EKR2                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC SWITCH 32SOIC SPQL1025                                                                                            |
| Datasheets:         |  <a href="#">MC10XSC425EKR2.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

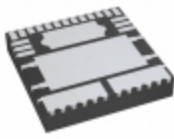
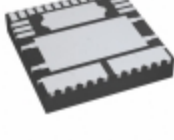
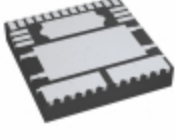
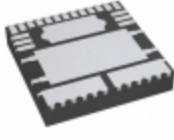
Specifications of MC10XSC425EKR2

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MC10XSC425EKR2                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                         |
| DESCRIPTION                      | IC SWITCH 32SOIC SPQL1025                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |  <a href="#">MC10XSC425EKR2.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.5 V                                                                                                            |
| VOLTAGE - LOAD                   | 6 V ~ 20 V                                                                                                             |
| SWITCH TYPE                      | General Purpose                                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 32-SOIC EP                                                                                                             |
| SERIES                           | -                                                                                                                      |
| RDS ON (TYP)                     | 10 mOhm (Max), 25 mOhm (Max)                                                                                           |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 32-BSSOP (0.295", 7.50mm Width) Exposed Pad                                                                            |
| OUTPUT TYPE                      | N-Channel                                                                                                              |
| OUTPUT CONFIGURATION             | High Side                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                     |
| NUMBER OF OUTPUTS                | 4                                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| INTERFACE                        | SPI                                                                                                                    |
| INPUT TYPE                       | -                                                                                                                      |
| FEATURES                         | Slew Rate Controlled, Watchdog Timer                                                                                   |
| FAULT PROTECTION                 | Current Limiting (Fixed), Open Load Detect, Over Temperature, UVLO                                                     |
| CURRENT - OUTPUT (MAX)           | 6A                                                                                                                     |
| BASE PART NUMBER                 | MC10XSC425                                                                                                             |

Related Tags

|                                               |                                         |                                                   |
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| NXP Semiconductors / Freescale MC10XSC425EKR2 | MC10XSC425EKR2 Distributor              | MC10XSC425EKR2 Supplier                           |
| MC10XSC425EKR2 Price                          | MC10XSC425EKR2 Pictures                 | MC10XSC425EKR2 Image                              |
| MC10XSC425EKR2 PDF Datasheet                  | MC10XSC425EKR2 Download Datasheet       | MC10XSC425EKR2 Datasheet                          |
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| NXP Semiconductors / Freescale MC10XSC425EKR2 | NXP Semiconductors MC10XSC425EKR2       | Freescale MC10XSC425EKR2                          |
| Freescale Semiconductor - NXP MC10XSC425EKR2  | NXP USA Inc. MC10XSC425EKR2             |                                                   |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC10XSD200BFKR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SWITCH HIGH SIDE 23PQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>MC10XS6325EK</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SWITCH HIGH SIDE 32SOIC<br/>In stock: 26 pcs<br/><div>RFQ</div></div>      |
|  <div><b>MC10XS6200EKR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SWITCH HIGH SIDE 32SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC10XS6325EKR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SWITCH HIGH SIDE 32SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>MC1150</b><br/>Manufacturers: American Electrical, Inc.<br/>Description: CONN FERRULE REEL 16AWG BLACK<br/>In stock: Out stock<br/><div>RFQ</div></div>            |  <div><b>MC10XSC425EK</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SWITCH 32SOIC SPQL1025<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
|  <div><b>MC10XSD200BFK</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SWITCH HIGH SIDE 23PQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>MC1100</b><br/>Manufacturers: American Electrical, Inc.<br/>Description: CONN FERRULE REEL 18AWG RED DIN<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
|  <div><b>MC10XS6225EKR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SWITCH HIGH SIDE 32SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC10XSD200FK</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SWITCH HIGH SIDE 24PQFN<br/>In stock: 840 pcs<br/><div>RFQ</div></div>     |
|  <div><b>MC10XSD200FKR2</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SWITCH HIGH SIDE 24PQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>MC10XS6225EK</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC SWITCH HIGH SIDE 32SOIC<br/>In stock: 42 pcs<br/><div>RFQ</div></div>      |