

NXP Semiconductors / Freescale



### MC08XS6421EK

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC08XS6421EK                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC SWITCH HISD 12V DUAL 32SOIC                                                                               |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5519 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

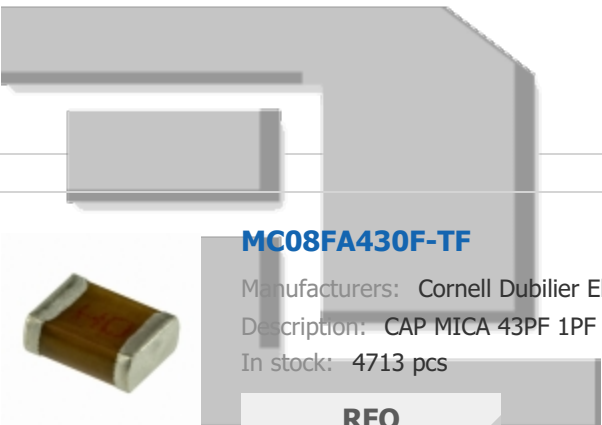
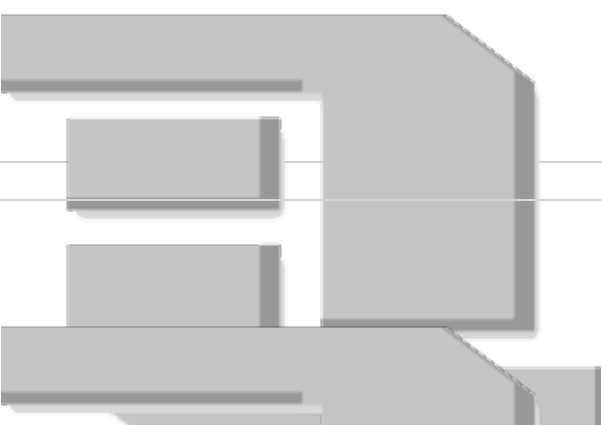
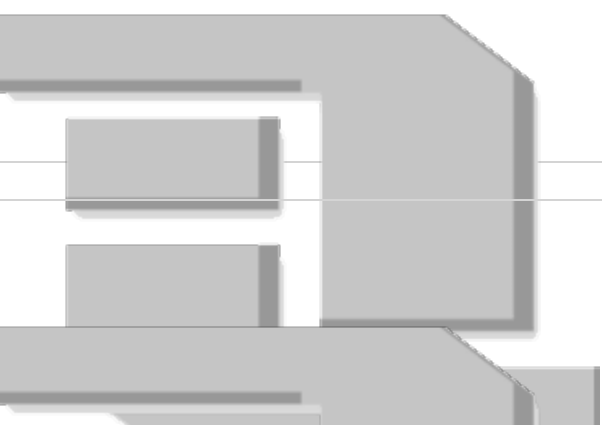
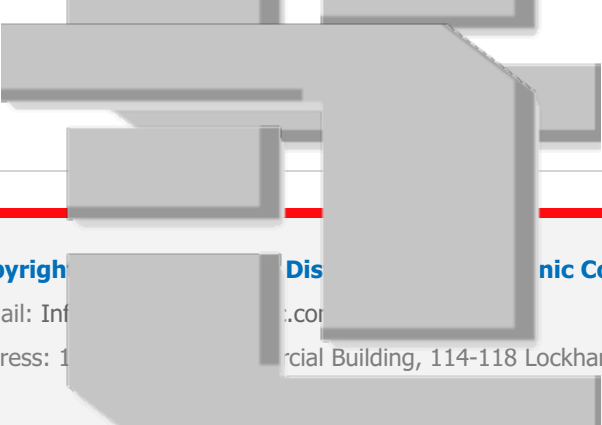
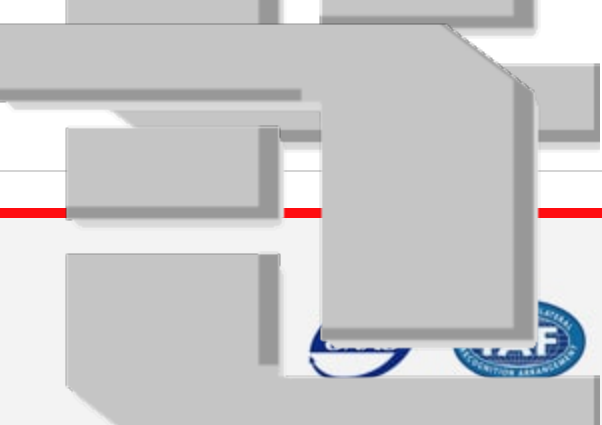
#### Specifications of MC08XS6421EK

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| PART NUMBER                      | MC08XS6421EK                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                               |
| DESCRIPTION                      | IC SWITCH HISD 12V DUAL 32SOIC                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                   |
| QUANTITY AVAILABLE               | 5519 pcs                                                     |
| DATA SHEET                       |                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                |
| VOLTAGE - LOAD                   | 7 V ~ 18 V                                                   |
| SWITCH TYPE                      | General Purpose                                              |
| SUPPLIER DEVICE PACKAGE          | 32-SOIC EP                                                   |
| SERIES                           | -                                                            |
| RDS ON (TYP)                     | 8 mOhm, 21 mOhm                                              |
| RATIO - INPUT:OUTPUT             | 1:1                                                          |
| PACKAGING                        | Tube                                                         |
| PACKAGE / CASE                   | 32-BSSOP (0.295", 7.50mm Width) Exposed Pad                  |
| OUTPUT TYPE                      | N-Channel                                                    |
| OUTPUT CONFIGURATION             | High Side                                                    |
| OTHER NAMES                      | 934070679574                                                 |
| 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                                         |
| FAULT PROTECTION                 | Current Limiting (Fixed), Open Load Detect, Over Temperature |
| CURRENT - OUTPUT (MAX)           | 5.5A, 11A                                                    |

#### Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MC08XS6421EK               | MC08XS6421EK Distributor        | MC08XS6421EK Supplier  |
| MC08XS6421EK Price         | MC08XS6421EK Pictures           | MC08XS6421EK Image     |
| MC08XS6421EK PDF Datasheet | MC08XS6421EK Download Datasheet | MC08XS6421EK Datasheet |
| MC08XS6421EK Stock         | Buy MC08XS6421EK                | Buy MC08XS6421EK       |
| MC08XS6421EK               | Supplier                        | Distributor            |

#### Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MC09XS3400AFK</b><br/>Manufacturers: NXP<br/>Description: IC SWITCH HIGH SIDE QUAD 24PQFN<br/>In stock: 12306 pcs<br/><div>RFQ</div></div>                      |  <div><b>MC08XS6421BEK</b><br/>Manufacturers: NXP<br/>Description: IC SWITCH HIGH SIDE 32SOIC<br/>In stock: 9961 pcs<br/><div>RFQ</div></div>                          |
|  <div><b>MC08FA430F-TF</b><br/>Manufacturers: Cornell Dubilier Electronics<br/>Description: CAP MICA 43PF 1PF 100V 0805<br/>In stock: 4713 pcs<br/><div>RFQ</div></div>  |  <div><b>MC08XS6421EKR2</b><br/>Manufacturers: NXP<br/>Description: IC SWITCH HIGH SIDE 32SOIC<br/>In stock: 28481 pcs<br/><div>RFQ</div></div>                        |
|  <div><b>MC08FA430G-F</b><br/>Manufacturers: Cornell Dubilier Electronics<br/>Description: CAP MICA 43PF 2% 100V 0805<br/>In stock: 39346 pcs<br/><div>RFQ</div></div>   |  <div><b>MC08FA430G-TF</b><br/>Manufacturers: Cornell Dubilier Electronics<br/>Description: CAP MICA 43PF 2% 100V 0805<br/>In stock: 6348 pcs<br/><div>RFQ</div></div>  |
|  <div><b>MC08FA430J-TF</b><br/>Manufacturers: Cornell Dubilier Electronics<br/>Description: CAP MICA 43PF 5% 100V 0805<br/>In stock: 154315 pcs<br/><div>RFQ</div></div> |  <div><b>MC08FA430J-F</b><br/>Manufacturers: Cornell Dubilier Electronics<br/>Description: CAP MICA 43PF 5% 100V 0805<br/>In stock: 125552 pcs<br/><div>RFQ</div></div> |
|  <div><b>MC08XS6421BEKR2</b><br/>Manufacturers: NXP<br/>Description: IC SWITCH HIGH SIDE 32SOIC<br/>In stock: 22375 pcs<br/><div>RFQ</div></div>                         |  <div><b>MC09XS3400AFKR2</b><br/>Manufacturers: NXP<br/>Description: IC SWITCH HIGH SIDE QUAD 24PQFN<br/>In stock: 20092 pcs<br/><div>RFQ</div></div>                  |
|  <div><b>MC08XS6421EKR2</b><br/>Manufacturers: NXP<br/>Description: IC SWITCH HIGH SIDE 32SOIC<br/>In stock: 3863 pcs<br/><div>RFQ</div></div>                           |  <div><b>MC08XS6421EK</b><br/>Manufacturers: NXP<br/>Description: IC SWITCH HIGH SIDE 32SOIC<br/>In stock: 11511 pcs<br/><div>RFQ</div></div>                          |

