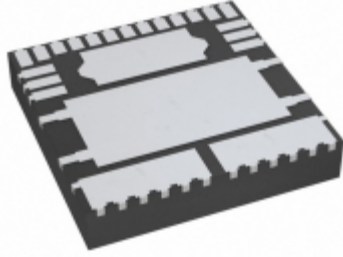


MC10XS4200BAFKR2



Part Number: [MC10XS4200BAFKR2](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC SWITCH HIGH SIDE 23PQFN

Data sheet:  [MC10XS4200](#)

RoHs Status: Lead free / RoHS Compliant

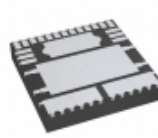
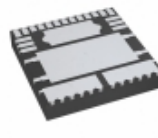
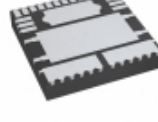
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                    |                                  |                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|----------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | MC10XS4200BAFKR2                                                   | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC SWITCH HIGH SIDE 23PQFN                                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 16016 pcs                                                          | Data sheet                       | <a href="#">MC10XS4200</a>                         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply (Vcc/Vdd)       | 3 V ~ 5.5 V                                        |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8 V ~ 36 V                                                         | Switch Type                      | General Purpose                                    |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 23-PQFN (12x12)                                                    | Series                           | -                                                  |
| Rds On (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10 mOhm (Max)                                                      | Ratio - Input:Output             | 1:1                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                                                   | Package / Case                   | 23-PowerQFN                                        |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | N-Channel                                                          | Output Configuration             | High Side                                          |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 934070607578                                                       | Operating Temperature            | -40°C ~ 125°C (TA)                                 |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2                                                                  | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                                         | Interface                        | SPI                                                |
| Input Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                  | Features                         | Internal PWM, Slew Rate Controlled, Watchdog Timer |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Current Limiting (Fixed), Open Load Detect, Over Temperature, UVLO | Current - Output (Max)           | 6A                                                 |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                               |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MC10XS4200FK</a><br>Description: IC SW HIGH SIDE 24V DUAL 23PQFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS3535PNA</a><br>Description: IC SWITCH HIGHSIDE 24PQFN         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS4200BFK</a><br>Description: IC SWITCH HIGH SIDE 23PQFN        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS4200FKR2</a><br>Description: IC SW HIGH SIDE 24V DUAL 23PQFN  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS6225EKR2</a><br>Description: IC SWITCH HIGH SIDE 32SOIC       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS4200BFKR2</a><br>Description: IC SWITCH HIGH SIDE 23PQFN      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS3535PNAR2</a><br>Description: IC SWITCH HIGHSIDE 24PQFN       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS3435DPNAR2</a><br>Description: IC SWITCH HIGH SIDE QUAD 24QFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS3535HFKR2</a><br>Description: IC SWITCH HIGH SIDE 24PQFN      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS3535HFK</a><br>Description: IC SWITCH HIGH SIDE 24PQFN        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS6325EK</a><br>Description: IC SWITCH HIGH SIDE 32SOIC         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS4200BAFK</a><br>Description: IC SWITCH HIGH SIDE 23PQFN       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS3535JHFKR2</a><br>Description: IC SWITCH HIGH SIDE 24PQFN     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS6225EK</a><br>Description: IC SWITCH HIGH SIDE 32SOIC         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS3535DHFK</a><br>Description: IC SWITCH HIGH SIDE TRPL 24QFN   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS6200EK</a><br>Description: IC SWITCH HIGH SIDE 32SOIC         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS6200EKR2</a><br>Description: IC SWITCH HIGH SIDE 32SOIC       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS3535JHFK</a><br>Description: IC SWITCH HIGH SIDE 24PQFN       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS6325EKR2</a><br>Description: IC SWITCH HIGH SIDE 32SOIC       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC10XS3535DHFKR2</a><br>Description: IC SWITCH HIGH SIDE TRPL 24QFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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