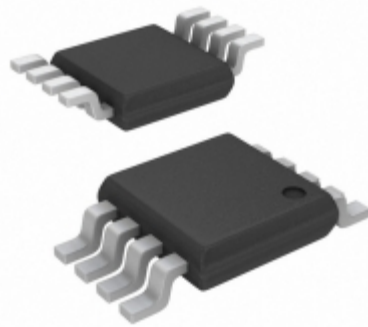


SC1302CIMSTRT





Part Number: [SC1302CIMSTRT](#)

Manufacturer: [Semtech](#)

Description: IC MOSFET DVR 2A LOWSIDE 8MSOP

Data sheet:  [SC1302A-F](#)

RoHs Status: Lead free / RoHS Compliant

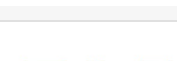
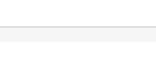
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy SC1302CIMSTRT with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                         |                                      |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|--------------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | SC1302CIMSTRT                                           | Manufacturer                         | <a href="#">Semtech</a>    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MOSFET DVR 2A LOWSIDE 8MSOP                          | Lead Free Status / RoHS Status       | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 76484 pcs                                               | Data sheet                           | <a href="#">SC1302A-F</a>  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>               | Voltage - Supply                     | 4.5 V ~ 16.5 V             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-MSOP                                                  | Series                               | -                          |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                    | 20ns, 20ns                                              | Packaging                            | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                            | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                  | Operating Temperature                | -40°C ~ 125°C (TJ)         |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                         | 2                                                       | 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, Non-Inverting   |
| Gate Type                                                                                                                                                                                                                                                                                                                                                                                                                                 | N-Channel MOSFET                                        | Driven Configuration                 | Low-Side                   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                      | Low-Side Gate Driver IC Inverting, Non-Inverting 8-MSOP | Current - Peak Output (Source, Sink) | 2A, 2A                     |
| Channel Type                                                                                                                                                                                                                                                                                                                                                                                                                              | Independent                                             |                                      |                            |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                        |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------|----------------|
|  | Part#: <a href="#">SC1405DITSTRT</a><br>Description: IC DRIVER MOSF SYNC DUAL TSSOP14   | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC1302ESTRT</a><br>Description: IC MOSFET DVR 2A LOWSIDE 8SOIC       | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC1212-102</a><br>Description: FIXED IND 1MH 145MA 12 OHM SMD        | Manufacturers: <a href="#">Bel</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">SC1212-681</a><br>Description: FIXED IND 680UH 175MA 9 OHM SMD       | Manufacturers: <a href="#">Bel</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">SC121ULTRT</a><br>Description: IC REG BOOST ADJ/3.3V 0.9A 6MLPD      | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC1453ISK1.5TRT</a><br>Description: IC REG LINEAR 1.5V 150MA SOT23-5 | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC1453ISK18TRT</a><br>Description: IC REG LINEAR 1.8V 150MA SOT23-5  | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC1212-152</a><br>Description: FIXED IND 1.5MH 130MA 15 OHM SMD      | Manufacturers: <a href="#">Bel</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">SC122ULTRT</a><br>Description: IC REG BST 3.3V 0.35A SYNC 6MLPD      | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC1302CISTRT</a><br>Description: IC MOSFET DVR 2A LOWSIDE 8SOIC      | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC14420CQ/NOPB</a><br>Description: IC GEODE IA-ON-A-CHIP INT PROC    | Manufacturers: <a href="#">N/A</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">SC1302DSTRT</a><br>Description: IC MOSFET DVR 2A LOWSIDE 8SOIC       | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC1301BISKTRT</a><br>Description: IC MOSFET DVR 2A LOWSIDE SOT23-5   | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC1302FSTRT</a><br>Description: IC MOSFET DVR 2A LOWSIDE 8SOIC       | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC14401CQ</a><br>Description: IC GEODE IA-ON-A-CHIP INT PROC         | Manufacturers: <a href="#">N/A</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">SC1214TSTRT</a><br>Description: IC MOSFET DVR COMBISENSE 20TSSOP     | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC1301AISKTRT</a><br>Description: IC MOSFET DVR 2A LOWSIDE SOT23-5   | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC1212-222</a><br>Description: FIXED IND 2.2MH 110MA 23.5 OHM        | Manufacturers: <a href="#">Bel</a>     | <div>RFQ</div> |
|  | Part#: <a href="#">SC1453ISK2.5TRT</a><br>Description: IC REG LINEAR 2.5V 150MA SOT23-5 | Manufacturers: <a href="#">Semtech</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SC1212-561</a><br>Description: FIXED IND 560UH 190MA 8 OHM SMD       | Manufacturers: <a href="#">Bel</a>     | <div>RFQ</div> |

| Related keywords for SC1302CIMSTRT |                                   |                                        |                     |
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