

AMIS30512C5122G



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ON Semiconductor®



Part Number:

AMIS30512C5122G

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC MOTOR DRIVER SPI 24SOIC

Data sheet:

 [AMIS30512](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

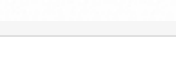
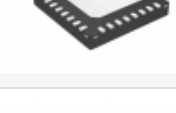
Hong Kong

Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                               |                                |                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | AMIS30512C5122G                               | Manufacturer                   | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC MOTOR DRIVER SPI 24SOIC                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4500 pcs                                      | Data sheet                     | <a href="#">AMIS30512</a>                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>     | Voltage - Supply               | 6 V ~ 30 V                                           |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6 V ~ 30 V                                    | Technology                     | Power MOSFET                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 24-SOIC                                       | Step Resolution                | 1 ~ 1/32                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                             | Packaging                      | Tube                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 24-SOIC (0.295", 7.50mm Width)                | Output Configuration           | Half Bridge (4)                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 160°C (TJ)                            | Mounting Type                  | Surface Mount                                        |
| Motor Type - Stepper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Bipolar                                       | Motor Type - AC, DC            | -                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2 (1 Year)                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | SPI                                           | Function                       | Driver - Fully Integrated, Control and Power Stage   |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Bipolar Motor Driver Power MOSFET SPI 24-SOIC | Current - Output               | -                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | AMIS-30512                                    | Applications                   | General Purpose                                      |
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| RELATED PRODUCTS                                                                   |                                                                                           |                                                                     |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">AMIS-49250-XTD</a><br>Description: IC TXRX FIELDBUS MAU 44-NQFP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30421C4211RG</a><br>Description: IC MOTOR CONTROLLER SPI 44QFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30511C5112RG</a><br>Description: IC MOTOR DRIVER SPI 24SOIC        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30422C422MNTWG</a><br>Description: IC STEPPER MOTOR DVR/CTLR 48QFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30421C4211G</a><br>Description: IC MOTOR CONTROLLER SPI 44QFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30421DBGEVB</a><br>Description: DAUGHTER BOARD BIP STEP MOTOR      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30542C5421G</a><br>Description: IC MOTOR DRIVER SPI 32NQFP         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30522C5222RG</a><br>Description: IC MOTOR DRIVER SPI 32NQFP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS-53050-XTD</a><br>Description: IC RF TXRX 32-LQFP                  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30521C5212RG</a><br>Description: IC MOTOR DRIVER SPI 32NQFP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30523C5231G</a><br>Description: IC MOTOR DRIVER SPI 52QFN          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30521C5212G</a><br>Description: IC MOTOR DRIVER SPI 32NQFP         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30422DBGEVB</a><br>Description: DAUGHTER BOARD BIP STEP MOTOR      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">AMIS30512C5122RG</a><br>Description: IC MOTOR DRIVER SPI 24SOIC        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30532C5321RG</a><br>Description: IC MOTOR DRIVER SPI 32NQFP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS-49200-XTP</a><br>Description: IC TXRX FIELDBUS MAU 44LQFP         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS-49250-XTP</a><br>Description: IC TXRX FIELDBUS MAU 44NQFP         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30523C5231RG</a><br>Description: IC MOTOR DRIVER SPI 52QFN         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30532C5321G</a><br>Description: IC MOTOR DRIVER SPI 32NQFP         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

| Related keywords for AMIS30512C5122G   |                                      |                                           |                                            |
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