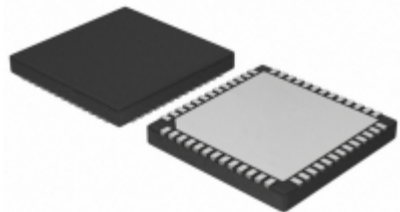


AMIS30523C5231G



ON Semiconductor®

Part Number: [AMIS30523C5231G](#)

Manufacturer: [AMI Semiconductor / ON Semiconductor](#)

Description: IC MOTOR DRIVER SPI 52QFN

Data sheet:  [AMIS-30523](#)

RoHs Status: Lead free / RoHS Compliant

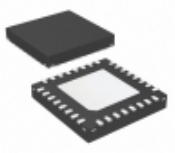
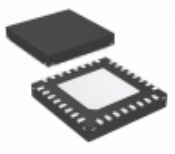
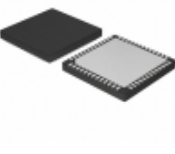
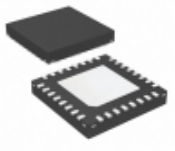
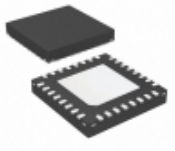
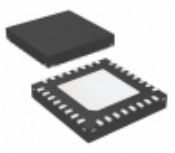
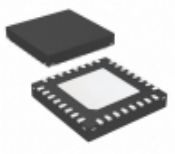
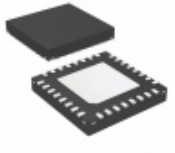
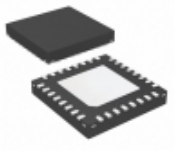
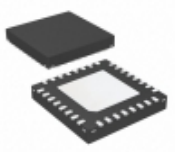
Ship From: Hong Kong

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | AMIS30523C5231G                                    | Manufacturer                   | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC MOTOR DRIVER SPI 52QFN                          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5743 pcs                                           | Data sheet                     | <a href="#">AMIS-30523</a>                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>          | Voltage - Supply               | 4.75 V ~ 5.25 V                                      |
| Voltage - Load                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6 V ~ 30 V                                         | Technology                     | Power MOSFET                                         |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 52-QFN (8x8)                                       | Step Resolution                | 1 ~ 1/32                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                                  | Packaging                      | Tube                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 52-VFQFN Exposed Pad                               | Output Configuration           | Half Bridge (4)                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 172°C (TJ)                                 | Mounting Type                  | Surface Mount                                        |
| Motor Type - Stepper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Bipolar                                            | Motor Type - AC, DC            | -                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3 (168 Hours)                                      | 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 52-QFN (8x8) | Current - Output               | 1.2A                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | AMIS30523                                          | Applications                   | General Purpose                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 5743 pieces of AMI Semiconductor / ON Semiconductor AMIS30523C5231G in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                    |                                |                                                      |

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|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">AMIS30532C5321G</a><br>Description: IC MOTOR DRIVER SPI 32NQFP         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30542C5421RG</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> |
|  | Part#: <a href="#">AMIS30511C5112RG</a><br>Description: IC MOTOR DRIVER SPI 24SOIC        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | 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="#">AMIS30522C5222G</a><br>Description: IC MOTOR DRIVER SPI 32NQFP         | 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="#">AMIS30512C5122RG</a><br>Description: IC MOTOR DRIVER SPI 24SOIC        | 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="#">AMIS30532C5321RG</a><br>Description: IC MOTOR DRIVER SPI 32NQFP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30585C5852G</a><br>Description: IC MODEM S-FSK HALFDUPLEX 28PLCC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30543DBGEVB</a><br>Description: DAUGHTER BOARD BIP STEP MOTOR      | 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="#">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="#">AMIS30422C422MNTWG</a><br>Description: IC STEPPER MOTOR DVR/CTLR 48QFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30543C5431RG</a><br>Description: IC MOTOR DVR MICROSTEP 32QFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">AMIS30512C5122G</a><br>Description: IC MOTOR DRIVER SPI 24SOIC         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

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