

IQS231A-00004000-DNR



Part Number: [IQS231A-00004000-DNR](#)

Manufacturer: [Azoteq](#)

Description: 1 CH. CAPACITIVE SAR SENSOR FOR

Data sheet:  [IQS231A Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

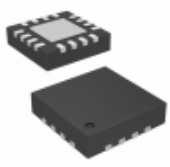
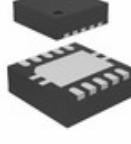
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                                  |                                |                                   |
|----------------------------------|--------------------------------------------------|--------------------------------|-----------------------------------|
| Part Number                      | IQS231A-00004000-DNR                             | Manufacturer                   | <a href="#">Azoteq</a>            |
| Description                      | 1 CH. CAPACITIVE SAR SENSOR FOR                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant        |
| Quantity Available               | 185505 pcs                                       | Data sheet                     | <a href="#">IQS231A Datasheet</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a>        | Voltage - Supply               | 1.8 V ~ 3.3 V                     |
| Type                             | Proximity Detector                               | Supplier Device Package        | 10-DFN (3x3)                      |
| Series                           | ProxSense®                                       | Resolution                     | 8 b                               |
| Proximity Detection              | Yes                                              | Packaging                      | Cut Tape (CT)                     |
| Package / Case                   | 10-WFDFN Exposed Pad                             | Other Names                    | 1790-1037-1                       |
| Operating Temperature            | -20°C ~ 85°C                                     | Number of Inputs               | 1                                 |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant        |
| LED Driver Channels              | Up to 1                                          | Interface                      | I²C                               |
| Detailed Description             | Capacitive Touch Proximity Detector 10-DFN (3x3) | Current - Supply               | 80µA                              |

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| RELATED PRODUCTS                                                                   |                                                                                               |                                       |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------|----------------|
|  | Part#: <a href="#">IQS231A-00000000-TSR</a><br>Description: 1 CH. CAPACITIVE SAR SENSOR FOR   | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS227AS-00000000-TSR</a><br>Description: 1 CH. CAPACITIVE TOUCH SENSOR WI | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS231A-00000000-DNR</a><br>Description: 1 CH. CAPACITIVE SAR SENSOR FOR   | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS266EV02-S</a><br>Description: IQS266 EVAL KIT 2                         | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS213A-00000000-MSR</a><br>Description: 3 CH. CAPACITIVE TOUCH SENSOR WI  | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">IQS263B-0-DNR</a><br>Description: CAPACITIVE SENSOR 3CH 10DFN              | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS316-0-QFR</a><br>Description: 16 CH. CAPACITIVE TOUCH AND PROX          | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS232-00000000-SOR</a><br>Description: 2 CH CAPACITIVE TOUCH & PROXIMIT   | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS227/8ASEV01-S</a><br>Description: IQS227AS & IQS228AS EVALUATION K      | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS263-0-MSR</a><br>Description: 3 CH. CAPACITVE SENSOR FOR SCROL          | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">IQS263EV02-S</a><br>Description: IQS263 EVALUATION KIT 2                   | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS229EV01-S</a><br>Description: IQS229 EVALUATION KIT 1                   | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS229-00085000-DNR</a><br>Description: 1 CH. CAPACITIVE SAR SENSOR FOR    | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS228AS-00000000-TSR</a><br>Description: 1 CH. CAPACITIVE TOUCH SENSOR DY | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS266-0-QNR</a><br>Description: TOUCH SCREEN CONTROLLERS 2X3 CAP          | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS263A-0-DNR</a><br>Description: 3 CH. CAPACITVE SENSOR FOR SCROL         | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS231A-00004000-TSR</a><br>Description: 1 CH. CAPACITIVE SAR SENSOR FOR   | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |
|  | Part#: <a href="#">IQS227/8ASEV02-S</a><br>Description: IQS227AS & IQS228AS EVALUATION K      | Manufacturers: <a href="#">Azoteq</a> | <div>RFQ</div> |

Related keywords for **IQS231A-00004000-DNR**

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