



Image may be representation.  
See specifications for product details.

### IQS231A-00000000-TSR

Part Number: **IQS231A-00000000-TSR**  
 Product Description: 1 CH. CAPACITIVE SAR SENSOR FOR  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [IQS231A-00000000-TSR.pdf](#)

Manufacturer/Brand: Azoteq  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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#### Product details

<b>Part Number</b>	IQS231A-00000000-TSR	<b>Manufacturer</b>	Azoteq
<b>Description</b>	1 CH. CAPACITIVE SAR SENSOR FOR	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">IQS231A-00000000-TSR.pdf</a>		
<b>Voltage - Supply</b>	1.8 V ~ 3.3 V	<b>Type</b>	Proximity Detector
<b>Supplier Device Package</b>	TSOT-23-6	<b>Series</b>	ProxSense®
<b>Resolution</b>	8 b	<b>Proximity Detection</b>	Yes
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	SOT-23-6 Thin, TSOT-23-6
<b>Other Names</b>	1790-1036-2 IQS231A00000000TSR	<b>Operating Temperature</b>	-20°C ~ 85°C
<b>Number of Inputs</b>	1	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Manufacturer Standard Lead Time</b>	16 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>LED Driver Channels</b>	Up to 1	<b>Interface</b>	I <sup>2</sup> C
<b>Detailed Description</b>	Capacitive Touch Proximity Detector TSOT-23-6	<b>Current - Supply</b>	80µA

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<p><b>IQS229-00085000-DNR</b>                  Manufacturers: Azoteq                  Description: 1 CH. CAPACITIVE SAR SENSOR FOR                  Download: <a href="#">IQS229-00085000-DNR.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>IQS231A-00004000-DNR</b>                  Manufacturers: Azoteq                  Description: 1 CH. CAPACITIVE SAR SENSOR FOR                  Download: <a href="#">IQS231A-00004000-DNR.pdf</a></p> <p><a href="#">RFQ</a></p>
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