



Image may be representation.  
See specifications for product details.

### SI82394AD4-ISR

Part Number: **SI82394AD4-ISR**  
 Product Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [SI82394AD4-ISR.pdf](#)

Manufacturer/Brand: Energy Micro (Silicon Labs)  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

#### Product details

<b>Part Number</b>	SI82394AD4-ISR	<b>Manufacturer</b>	Energy Micro (Silicon Labs)
<b>Description</b>	DGTL ISO 5KV 2CH GATE DVR 16SOIC	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	<a href="#">SI82394AD4-ISR.pdf</a>		
<b>Voltage - Supply</b>	6.5 V ~ 24 V	<b>Voltage - Isolation</b>	5000Vrms
<b>Voltage - Forward (Vf) (Typ)</b>	-	<b>Technology</b>	Capacitive Coupling
<b>Supplier Device Package</b>	16-SOIC	<b>Series</b>	Automotive, AEC-Q100
<b>Rise / Fall Time (Typ)</b>	12ns, 12ns (Max)	<b>Pulse Width Distortion (Max)</b>	5.6ns
<b>Propagation Delay tpLH / tpHL (Max)</b>	135ns, 95ns	<b>Packaging</b>	Tape & Reel (TR)
<b>Package / Case</b>	16-SOIC (0.295", 7.50mm Width)	<b>Operating Temperature</b>	-40°C ~ 125°C
<b>Number of Channels</b>	2	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	2A (4 Weeks)	<b>Manufacturer Standard Lead Time</b>	6 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Detailed Description</b>	4A Gate Driver Capacitive Coupling 5000Vrms 2 Channel 16-SOIC
<b>Current - Peak Output</b>	4A	<b>Current - Output High, Low</b>	2A, 4A
<b>Common Mode Transient Immunity (Min)</b>	35kV/μs	<b>Approvals</b>	CQC, CSA, UR, VDE

#### Related Products

<p><b>SI82394AD-IS</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC                  Download: <a href="#">SI82394AD-IS.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>SI82394BB4-IS1</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DGTL ISO 2.5KV GATE DVR 16SOIC                  Download: <a href="#">SI82394BB4-IS1.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>SI82394AB4-IS1</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DGTL ISO 2.5KV GATE DVR 16SOIC                  Download: <a href="#">SI82394AB4-IS1.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>SI82394BD-IS</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC                  Download: <a href="#">SI82394BD-IS.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>SI82394BD-ISR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC                  Download: <a href="#">SI82394BD-ISR.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>SI82394BD4-ISR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DGTL ISO 2CH GATE DVR 16SOIC                  Download: <a href="#">SI82394BD4-ISR.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>SI82394AB4-IS1R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DGTL ISO 2.5KV GATE DVR 16SOIC                  Download: <a href="#">SI82394AB4-IS1R.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>SI82394BD4-IS</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC                  Download: <a href="#">SI82394BD4-IS.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>SI82394BB4-IS1R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DGTL ISO 2.5KV GATE DVR 16SOIC                  Download: <a href="#">SI82394BB4-IS1R.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>SI82394AD-ISR</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC                  Download: <a href="#">SI82394AD-ISR.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>SI82394AD4-IS</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC                  Download: <a href="#">SI82394AD4-IS.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>SI82392BB-IS1R</b>                  Manufacturers: Energy Micro (Silicon Labs)                  Description: 2.5KV 4A DUAL CHANNEL ISOLATED D                  Download: <a href="#">SI82392BB-IS1R.pdf</a></p> <p><a href="#">RFQ</a></p>

#### Related tags

- Energy Micro (Silicon Labs) SI82394AD4-ISR
- SI82394AD4-ISR Price
- SI82394AD4-ISR PDF Datasheet
- SI82394AD4-ISR Stock
- Energy Micro (Silicon Labs) SI82394AD4-ISR
- Energy Micro (Silicon Labs) SI82394AD4-ISR
- Silicon Laboratories SI82394AD4-ISR
- SI82394AD4-ISR Distributor
- SI82394AD4-ISR Pictures
- SI82394AD4-ISR Download Datasheet
- Buy SI82394AD4-ISR
- Energy Micro (Silicon Labs) Supplier
- Energy Micro SI82394AD4-ISR
- Silicon Labs SI82394AD4-ISR
- SI82394AD4-ISR Supplier
- SI82394AD4-ISR Image
- SI82394AD4-ISR Datasheet
- Buy Energy Micro (Silicon Labs) SI82394AD4-ISR
- Energy Micro (Silicon Labs) Distributor
- Energy Micro (Silicon Labs) SI82394AD4-ISR