

## SI82394BB4-IS1



**Part Number:** [SI82394BB4-IS1](#)

**Manufacturer:** [Energy Micro \(Silicon Labs\)](#)

**Description:** DGTL ISO 2.5KV GATE DVR 16SOIC

**Data sheet:** [PDF SI8239x Datasheet](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">SI82394BB4-IS1</a>
<b>Manufacturer</b>	<a href="#">Energy Micro (Silicon Labs)</a>
<b>Description</b>	DGTL ISO 2.5KV GATE DVR 16SOIC
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	42109 pcs
<b>Product Photo</b>	<a href="#">SI82394BB4-IS1.jpg</a>
<b>Category</b>	<a href="#">Isolators</a>
<b>Voltage - Supply</b>	10 V ~ 24 V
<b>Voltage - Isolation</b>	2500Vrms
<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>	Tube
<b>Package / Case</b>	16-SOIC (0.154", 3.90mm Width)
<b>Other Names</b>	336-3858
<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>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Detailed Description</b>	4A Gate Driver Capacitive Coupling 2500Vrms 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

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	<b>Part#:</b> <a href="#">SI82394CD-IS</a> <b>Description:</b> DGTL ISO 5KV 2CH GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 37953	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">SI82394AD-ISR</a> <b>Description:</b> DGTL ISO 5KV 2CH GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 39957	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SI82394AD-IS</a> <b>Description:</b> DGTL ISO 5KV 2CH GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 40837	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">SI82394BD4-IS</a> <b>Description:</b> DGTL ISO 5KV 2CH GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 36101	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SI82394AB4-IS1R</a> <b>Description:</b> DGTL ISO 2.5KV GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 48671	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">SI82394AB4-IS1</a> <b>Description:</b> DGTL ISO 2.5KV GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 48403	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SI82394CD-ISR</a> <b>Description:</b> DGTL ISO 5KV 2CH GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 34542	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SI82394CB4-IS1</a> <b>Description:</b> DGTL ISO 2.5KV GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 54836	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SI82394BD4-JSR</a> <b>Description:</b> DGTL ISO 5KV 2CH GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 36760	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SI82392BB-IS1R</a> <b>Description:</b> 2.5KV 4A DUAL CHANNEL ISOLATED D	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 49792	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SI82391CD-IS</a> <b>Description:</b> DGTL ISO 5KV 2CH GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 39369	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SI82394CD4-IS</a> <b>Description:</b> DGTL ISO 5KV 2CH GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 36690	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SI82394CB4-IS1R</a> <b>Description:</b> DGTL ISO 2.5KV GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 47685	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">SI82394AD4-IS</a> <b>Description:</b> DGTL ISO 5KV 2CH GATE DVR 16SOIC	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>In Stock:</b> 33296	<a href="#">RFQ</a>

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