







	<p><b>SI8284BC-IS</b></p>
	<p><b>Manufacturer Part Number:</b> <a href="#">SI8284BC-IS</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">Energy Micro (Silicon Labs)</a></p> <p><b>Part of Description:</b> <a href="#">DGTL ISO 3.75KV 1CH GATE DRVR</a></p> <p><b>RoHs Status:</b></p> <p><b>Stock Condition:</b> New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	<a href="#">SI8284BC-IS</a>
Manufacturer	<a href="#">Energy Micro (Silicon Labs)</a>
Description	DGTL ISO 3.75KV 1CH GATE DRVR
Category	<a href="#">Isolators &gt; Isolators - Gate Drivers</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Voltage - Supply	2.8 V ~ 5.5 V
Voltage - Isolation	5000Vrms
Voltage - Forward (Vf) (Typ)	-
Technology	Capacitive Coupling
Supplier Device Package	24-SOIC
Series	Automotive, AEC-Q100
Rise / Fall Time (Typ)	5.5ns, 8.5ns
Pulse Width Distortion (Max)	5ns
Propagation Delay tpLH / tpHL (Max)	50ns, 50ns
Packaging	-
Package / Case	24-SOIC (0.295", 7.50mm Width)
Other Names	336-5073
Operating Temperature	-40°C ~ 125°C
Number of Channels	1
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Detailed Description	4A Gate Driver Capacitive Coupling 5000Vrms 1 Channel
Current - Peak Output	4A
Current - Output High, Low	2.5A, 3A
Common Mode Transient Immunity (Min)	35kV/μs
Approvals	CQC, CSA, UL, VDE

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