



Energy Micro (Silicon Labs)

SI8282BC-IS

Part Number:	SI8282BC-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 3.75KV 1CH GATE DRVR
Datasheets:	PDF: SI8282BC-IS.pdf
Stock Condition:	25680 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of SI8282BC-IS

PART NUMBER	SI8282BC-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV 1CH GATE DRVR
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	25680 pcs
DATA SHEET	PDF: SI8282BC-IS.pdf
VOLTAGE - SUPPLY	2.8 V ~ 5.5 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	20-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	20-SOIC (0.295", 7.50mm Width)
OTHER NAMES	336-5065
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 20-SOIC
CURRENT - PEAK OUTPUT	4A
CURRENT - OUTPUT HIGH, LOW	2.5A, 3A
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs
APPROVALS	CQC, CSA, UL, VDE

Related Tags

Energy Micro (Silicon Labs) SI8282BC-IS	SI8282BC-IS Distributor	SI8282BC-IS Supplier
SI8282BC-IS Price	SI8282BC-IS Pictures	SI8282BC-IS Image
SI8282BC-IS PDF Datasheet	SI8282BC-IS Download Datasheet	SI8282BC-IS Datasheet
SI8282BC-IS Stock	Buy SI8282BC-IS	Buy Energy Micro (Silicon Labs) SI8282BC-IS
Energy Micro (Silicon Labs) SI8282BC-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8282BC-IS	Energy Micro SI8282BC-IS	Energy Micro (Silicon Labs) SI8282BC-IS
Silicon Laboratories SI8282BC-IS	Silicon Labs SI8282BC-IS	

Related Products

<p>SI8281BD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC In stock: 20648 pcs RFQ</p>	<p>SI8282BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 24335 pcs RFQ</p>
<p>SI8281CC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 23643 pcs RFQ</p>	<p>SI8282BD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC In stock: 21161 pcs RFQ</p>
<p>SI8281CD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC In stock: 23158 pcs RFQ</p>	<p>SI8282CC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 28809 pcs RFQ</p>
<p>SI8283BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 21596 pcs RFQ</p>	<p>SI8281BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 28875 pcs RFQ</p>
<p>SI8281BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 25427 pcs RFQ</p>	<p>SI8282CC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 26770 pcs RFQ</p>
<p>SI8282CD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC In stock: 22324 pcs RFQ</p>	<p>SI8281CC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 29824 pcs RFQ</p>