



SI8283BD-IS

Part Number:	SI8283BD-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	OPTOISI 5KV GATE DRIVER 24SOIC
Datasheets:	SI8283BD-IS.pdf
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	23581 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 SI8283BD-IS

PART NUMBER	SI8283BD-IS
MANUFACTURER	Silicon Labs
DESCRIPTION	OPTOISI 5KV GATE DRIVER 24SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	23581 pcs
DATA SHEET	SI8283BD-IS.pdf
VOLTAGE - GATE TRIGGER (VGT) (MAX)	4A
VOLTAGE - FORWARD (VF) (TYP)	5ns
VOLTAGE - BREAKDOWN	24-SOIC
TIMING	2.5A, 3A
TECHNOLOGY	Capacitive Coupling
SHELL STYLE	9.5 V ~ 30 V
SERIES	-
ROHS STATUS	Tube
PULSE WIDTH DISTORTION (MAX)	50ns, 50ns
PROPAGATION DELAY TPLH / TPHL (MAX)	35kV/μs
POLARIZATION	24-SOIC (0.295", 7.50mm Width)
OTHER NAMES	336-3520
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
MANUFACTURER PART NUMBER	SI8283BD-IS
HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)	5.5ns, 8.5ns
EXPANDED DESCRIPTION	4A Gate Driver Capacitive Coupling 5000Vrms 1 Channel 24-SOIC
DESCRIPTION	OPTOISI 5KV GATE DRIVER 24SOIC
CURRENT TRANSFER RATIO (MIN)	-
CURRENT - DC FORWARD (IF) (MAX)	-
CURRENT - BREAKOVER	5000Vrms
APPROVALS	CQC, CSA, UR, VDE

Related Tags

Energy Micro (Silicon Labs) SI8283BD-IS	SI8283BD-IS Distributor	SI8283BD-IS Supplier
SI8283BD-IS Price	SI8283BD-IS Pictures	SI8283BD-IS Image
SI8283BD-IS PDF Datasheet	SI8283BD-IS Download Datasheet	SI8283BD-IS Datasheet
SI8283BD-IS Stock	Buy SI8283BD-IS	Buy Energy Micro (Silicon Labs) SI8283BD-IS
Energy Micro (Silicon Labs) SI8283BD-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories SI8283BD-IS	Silicon Labs SI8283BD-IS	

Related Products

<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>SI8282BD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC In stock: 21161 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>SI8284BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 25608 pcs RFQ</p>	<p>SI8283BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 26544 pcs RFQ</p>
<p>SI8283CD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 24SOIC In stock: 20614 pcs RFQ</p>	<p>SI8284-KIT Manufacturers: Energy Micro (Silicon Labs) Description: EVALUATION KIT FOR SI8284 DEVICE In stock: 4035 pcs RFQ</p>
<p>SI8283CC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 25748 pcs RFQ</p>	<p>SI8283CC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 26416 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>SI8284BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 27400 pcs RFQ</p>