



SILICON LABS

Silicon Labs



Image may be representation. See specifications for product details.

Part Number:	SI8284BD-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	OPTOISI 5KV GATE DRIVER 24SOIC
Datasheets:	 SI8284BD-IS.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	22698 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8284BD-IS

PART NUMBER	SI8284BD-IS
MANUFACTURER	Silicon Labs
DESCRIPTION	OPTOISI 5KV GATE DRIVER 24SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	22698 pcs
DATA SHEET	 SI8284BD-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	336-3522
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
MANUFACTURER PART NUMBER	SI8284BD-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) SI8284BD-IS	SI8284BD-IS Distributor	SI8284BD-IS Supplier
SI8284BD-IS Price	SI8284BD-IS Pictures	SI8284BD-IS Image
SI8284BD-IS PDF Datasheet	SI8284BD-IS Download Datasheet	SI8284BD-IS Datasheet
SI8284BD-IS Stock	Buy SI8284BD-IS	Buy Energy Micro (Silicon Labs) SI8284BD-IS
Energy Micro (Silicon Labs) SI8284BD-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

 SI8284CC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 21110 pcs RFQ	 SI8284CC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 23788 pcs RFQ
 SI8283CD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 24SOIC In stock: 20614 pcs RFQ	 SI8284BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 27400 pcs RFQ
 SI8283CC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 26416 pcs RFQ	 SI8285BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 42514 pcs RFQ
 SI8284BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 25608 pcs RFQ	 SI8285BD-IS Manufacturers: Silicon Labs Description: OPTOISI 5KV GATE DRIVER 16SOIC In stock: 44128 pcs RFQ
 SI8283CC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 25748 pcs RFQ	 SI8284CD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 24SOIC In stock: 18740 pcs RFQ
 SI8284-KIT Manufacturers: Energy Micro (Silicon Labs) Description: EVALUATION KIT FOR SI8284 DEVICE In stock: 4035 pcs RFQ	 SI8285BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 42784 pcs RFQ