



Energy Micro (Silicon Labs)



SI8285BC-ISR

Part Number:	SI8285BC-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 3.75KV 1CH GATE DRVR
Datasheets:	PDF SI8285BC-ISR.pdf
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8285BC-ISR

PART NUMBER	SI8285BC-ISR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV 1CH GATE DRVR
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	PDF SI8285BC-ISR.pdf
VOLTAGE - SUPPLY	2.8 V ~ 5.5 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-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	Cut Tape (CT)
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OTHER NAMES	336-5054-1
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 16-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) SI8285BC-ISR	SI8285BC-ISR Distributor	SI8285BC-ISR Supplier
SI8285BC-ISR Price	SI8285BC-ISR Pictures	SI8285BC-ISR Image
SI8285BC-ISR PDF Datasheet	SI8285BC-ISR Download Datasheet	SI8285BC-ISR Datasheet
SI8285BC-ISR Stock	Buy SI8285BC-ISR	Buy Energy Micro (Silicon Labs) SI8285BC-ISR
Energy Micro (Silicon Labs) SI8285BC-ISR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8285BC-ISR	Energy Micro SI8285BC-ISR	Energy Micro (Silicon Labs) SI8285BC-ISR
Silicon Laboratories SI8285BC-ISR	Silicon Labs SI8285BC-ISR	

Related Products

 SI8285BD-IS Manufacturers: Silicon Labs Description: OPTOISI 5KV GATE DRIVER 16SOIC In stock: 13 pcs RFQ	 SI8284BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: Out stock RFQ
 SI8284CC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: Out stock RFQ	 SI8285CC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: Out stock RFQ
 SI8285BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: Out stock RFQ	 SI8285_86-KIT Manufacturers: Energy Micro (Silicon Labs) Description: EVALUATION KIT FOR SI8285 AND SI In stock: 12 pcs RFQ
 SI8284CD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 24SOIC In stock: Out stock RFQ	 SI8284BD-IS Manufacturers: Silicon Labs Description: OPTOISI 5KV GATE DRIVER 24SOIC In stock: Out stock RFQ
 SI8285CC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: Out stock RFQ	 SI8285CD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: Out stock RFQ
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