



SI8285BC-IS

Part Number:	SI8285BC-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 3.75KV 1CH GATE DRVR
Datasheets:	 SI8285BC-IS.pdf
Stock Condition	42784 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

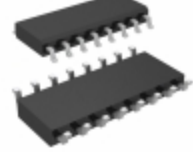
Specifications of SI8285BC-IS

PART NUMBER	SI8285BC-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV 1CH GATE DRVR
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	42784 pcs
DATA SHEET	 SI8285BC-IS.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	-
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OTHER NAMES	336-5053
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-IS	SI8285BC-IS Distributor	SI8285BC-IS Supplier
SI8285BC-IS Price	SI8285BC-IS Pictures	SI8285BC-IS Image
SI8285BC-IS PDF Datasheet	SI8285BC-IS Download Datasheet	SI8285BC-IS Datasheet
SI8285BC-IS Stock	Buy SI8285BC-IS	Buy Energy Micro (Silicon Labs) SI8285BC-IS
Energy Micro (Silicon Labs) SI8285BC-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8285BC-IS	Energy Micro SI8285BC-IS	Energy Micro (Silicon Labs) SI8285BC-IS
Silicon Laboratories SI8285BC-IS	Silicon Labs SI8285BC-IS	

Related Products

 SI8285CC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 54752 pcs RFQ	 SI8284BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 25608 pcs RFQ
 SI8284CC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 23788 pcs RFQ	 SI8285CD-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: 38969 pcs RFQ
 SI8285CC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 46392 pcs RFQ	 SI8284BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 27400 pcs RFQ
 SI8285CD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: 44867 pcs RFQ	 SI8284BD-IS Manufacturers: Silicon Labs Description: OPTOISI 5KV GATE DRIVER 24SOIC In stock: 22698 pcs RFQ
 SI8284CC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 21110 pcs RFQ	 SI8285BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 42514 pcs RFQ
 SI8285BD-IS Manufacturers: Silicon Labs Description: OPTOISI 5KV GATE DRIVER 16SOIC In stock: 44128 pcs RFQ	 SI8284CD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 24SOIC In stock: 18740 pcs RFQ