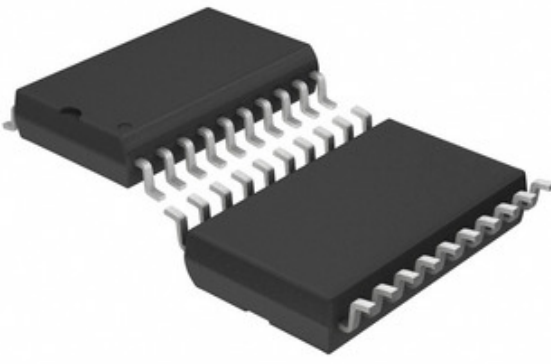




Energy Micro (Silicon Labs)



SI8281BC-ISR

Part Number:	SI8281BC-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 3.75KV 1CH GATE DRVR
Datasheets:	 SI8281BC-ISR.pdf
Stock Condition	28875 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8281BC-ISR

PART NUMBER	SI8281BC-ISR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV 1CH GATE DRVR
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	28875 pcs
DATA SHEET	 SI8281BC-ISR.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	Tape & Reel (TR)
PACKAGE / CASE	20-SOIC (0.295", 7.50mm Width)
OTHER NAMES	336-5062-2
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) SI8281BC-ISR	SI8281BC-ISR Distributor	SI8281BC-ISR Supplier
SI8281BC-ISR Price	SI8281BC-ISR Pictures	SI8281BC-ISR Image
SI8281BC-ISR PDF Datasheet	SI8281BC-ISR Download Datasheet	SI8281BC-ISR Datasheet
SI8281BC-ISR Stock	Buy SI8281BC-ISR	Buy Energy Micro (Silicon Labs) SI8281BC-ISR
Energy Micro (Silicon Labs) SI8281BC-ISR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8281BC-ISR	Energy Micro SI8281BC-ISR	Energy Micro (Silicon Labs) SI8281BC-ISR
Silicon Laboratories SI8281BC-ISR	Silicon Labs SI8281BC-ISR	

Related Products

 SI8282BC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 24335 pcs RFQ	 SI8282BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 25680 pcs RFQ
 SI8275ISO-KIT Manufacturers: Energy Micro (Silicon Labs) Description: SI8275/71 EVAL KIT In stock: 3355 pcs RFQ	 SI8275GBD-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 41579 pcs RFQ
 SI8281-KIT Manufacturers: Energy Micro (Silicon Labs) Description: EVALUATION KIT FOR SI8281 DEVICE In stock: 4132 pcs RFQ	 SI8281CD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC In stock: 23158 pcs RFQ
 SI8281BC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 25427 pcs RFQ	 SI8281CC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 23643 pcs RFQ
 SI8275GB-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 42799 pcs RFQ	 SI8275GBD-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 34312 pcs RFQ
 SI8281CC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: 29824 pcs RFQ	 SI8281BD-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 20SOIC In stock: 20648 pcs RFQ