



Energy Micro (Silicon Labs)



Image may be representation. See specifications for product details.

SI8235BB-C-IS1

Part Number:	SI8235BB-C-IS1
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 2.5KV GATE DRVR 16SOIC
Datasheets:	 SI8235BB-C-IS1.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3534 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

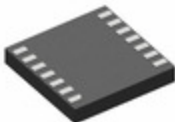
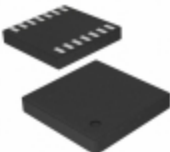
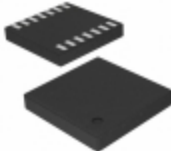
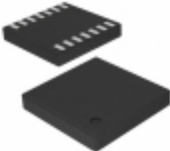
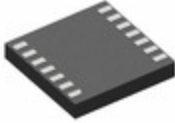
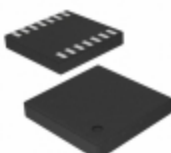
Specifications of SI8235BB-C-IS1

PART NUMBER	SI8235BB-C-IS1
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GATE DRVR 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3534 pcs
DATA SHEET	 SI8235BB-C-IS1.pdf
VOLTAGE - SUPPLY	9.4 V ~ 24 V
VOLTAGE - ISOLATION	2500Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	12ns, 12ns (Max)
PULSE WIDTH DISTORTION (MAX)	5.6ns
PROPAGATION DELAY TPLH / TPHL (MAX)	60ns, 60ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-1898-5 SI8235BBCIS1
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	4A Gate Driver Capacitive Coupling 2500Vrms 2 Channel 16-SOIC
CURRENT - PEAK OUTPUT	4A
CURRENT - OUTPUT HIGH, LOW	2A, 4A
COMMON MODE TRANSIENT IMMUNITY (MIN)	20kV/µs
APPROVALS	CQC, CSA, UR, VDE

Related Tags

Energy Micro (Silicon Labs) SI8235BB-C-IS1	SI8235BB-C-IS1 Distributor	SI8235BB-C-IS1 Supplier
SI8235BB-C-IS1 Price	SI8235BB-C-IS1 Pictures	SI8235BB-C-IS1 Image
SI8235BB-C-IS1 PDF Datasheet	SI8235BB-C-IS1 Download Datasheet	SI8235BB-C-IS1 Datasheet
SI8235BB-C-IS1 Stock	Buy SI8235BB-C-IS1	Buy Energy Micro (Silicon Labs) SI8235BB-C-IS1
Energy Micro (Silicon Labs) SI8235BB-C-IS1	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8235BB-C-IS1	Energy Micro SI8235BB-C-IS1	Energy Micro (Silicon Labs) SI8235BB-C-IS1
Silicon Laboratories SI8235BB-C-IS1	Silicon Labs SI8235BB-C-IS1	

Related Products

 SI8235BB-D-IM1R Manufacturers: Energy Micro (Silicon Labs) Description: DUAL ISOLATED GATE DRIVER In stock: 44125 pcs RFQ	 SI8235BB-D-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 34993 pcs RFQ
 SI8235BB-C-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 2713 pcs RFQ	 SI8235BB-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 7031 pcs RFQ
 SI8235BB-D-IM1 Manufacturers: Energy Micro (Silicon Labs) Description: DUAL ISOLATED GATE DRIVER In stock: 37184 pcs RFQ	 SI8235BB-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 5553 pcs RFQ
 SI8235BB-D-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 14LGA In stock: 52870 pcs RFQ	 SI8235BA-D-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 52042 pcs RFQ
 SI8235AD-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 40672 pcs RFQ	 SI8235BA-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GATE DVR 16SOIC In stock: 45830 pcs RFQ
 SI8235BB-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 7049 pcs RFQ	 SI8235BB-C-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 6026 pcs RFQ