



Energy Micro (Silicon Labs)



SI8286BC-ISR

Part Number:	SI8286BC-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 3.75KV 1CH GATE DRVR
Datasheets:	 SI8286BC-ISR.pdf
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8286BC-ISR

PART NUMBER	SI8286BC-ISR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV 1CH GATE DRVR
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	 SI8286BC-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	336-5058-1
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) SI8286BC-ISR	SI8286BC-ISR Distributor	SI8286BC-ISR Supplier
SI8286BC-ISR Price	SI8286BC-ISR Pictures	SI8286BC-ISR Image
SI8286BC-ISR PDF Datasheet	SI8286BC-ISR Download Datasheet	SI8286BC-ISR Datasheet
SI8286BC-ISR Stock	Buy SI8286BC-ISR	Buy Energy Micro (Silicon Labs) SI8286BC-ISR
Energy Micro (Silicon Labs) SI8286BC-ISR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8286BC-ISR	Energy Micro SI8286BC-ISR	Energy Micro (Silicon Labs) SI8286BC-ISR
Silicon Laboratories SI8286BC-ISR	Silicon Labs SI8286BC-ISR	

Related Products



SI8286BC-IS

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 3.75KV 1CH GATE DRVR

In stock: Out stock

RFQ



SI8286BD-IS

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC

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



SI8286CC-IS

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 3.75KV 1CH GATE DRVR

In stock: Out stock

RFQ



SI8286CC-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



SI8285CD-ISR

Manufacturers: Energy Micro (Silicon Labs)

Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC

In stock: Out stock

RFQ



SI8287BD-IS

Manufacturers: Silicon Labs

Description: 4.0 AMP DRIVER WITH DESAT DETECT

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



SI8286CD-IS

Manufacturers: Silicon Labs

Description: OPTOISI 5KV GATE DRIVER 16SOIC

In stock: 11 pcs

RFQ



SI8285_86-KIT

Manufacturers: Energy Micro (Silicon Labs)

Description: EVALUATION KIT FOR SI8285 AND SI

In stock: 12 pcs

RFQ



SI8287BD-ISR

Manufacturers: Energy Micro (Silicon Labs)

Description: IC AMP DVR 4.0A DESAT DET 20SOIC

In stock: Out stock

RFQ