





Energy Micro (Silicon Labs)


SI8261BBC-C-IPR

Part Number:	SI8261BBC-C-IPR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 3.75KV GATE DRVR 8DIPGW
Datasheets:	 SI8261BBC-C-IPR.pdf
RoHS Status:	 Lead free / RoHS Compliant
Stock Condition:	57803 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of SI8261BBC-C-IPR

PART NUMBER	SI8261BBC-C-IPR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV GATE DRVR 8DIPGW
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	57803 pcs
DATA SHEET	 SI8261BBC-C-IPR.pdf
VOLTAGE - SUPPLY	9.4 V ~ 30 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	2.8V (Max)
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	8-DIP Gull Wing
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	5.5ns, 8.5ns
PULSE WIDTH DISTORTION (MAX)	28ns
PROPAGATION DELAY TPLH / TPHL (MAX)	60ns, 50ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-SMD, Gull Wing
OTHER NAMES	336-4492-2 SI8261BBC-C-IPR-ND
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	4A Gate Driver Capacitive Coupling 3750Vrms 1 Channel 8-DIP Gull Wing
CURRENT - PEAK OUTPUT	4A
CURRENT - OUTPUT HIGH, LOW	500mA, 1.2A
CURRENT - DC FORWARD (IF) (MAX)	30mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs
APPROVALS	CQC, CSA, UR, VDE

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Related Products

 <p>SI8261BAD-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DRVR 8LGA In stock: 5049 pcs</p> <p>RFQ</p>	 <p>SI8261BBD-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP In stock: 44114 pcs</p> <p>RFQ</p>
 <p>SI8261BAD-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP In stock: 62128 pcs</p> <p>RFQ</p>	 <p>SI8261BAD-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP In stock: 52686 pcs</p> <p>RFQ</p>
 <p>SI8261BBA-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1CH GATE DRIVER In stock: 76329 pcs</p> <p>RFQ</p>	 <p>SI8261BBC-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: 71466 pcs</p> <p>RFQ</p>
 <p>SI8261BBD-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DRVR 8LGA In stock: 5498 pcs</p> <p>RFQ</p>	 <p>SI8261BBA-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1CH GATE DRIVER In stock: 106942 pcs</p> <p>RFQ</p>
 <p>SI8261BBC-C-IP Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8DIPGW In stock: 54606 pcs</p> <p>RFQ</p>	 <p>SI8261BBC-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: 64786 pcs</p> <p>RFQ</p>
 <p>SI8261BBD-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP In stock: 57975 pcs</p> <p>RFQ</p>	 <p>SI8261BBD-C-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DRVR 8LGA In stock: 2977 pcs</p> <p>RFQ</p>