

Energy Micro (Silicon Labs)



SI8261BBD-C-IS

Part Number:	SI8261BBD-C-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 5KV 1CH GATE DRVR 6SDIP
Datasheets:	 SI8261BBD-C-IS.pdf
RoHs Status	 Lead free / RoHS Compliant
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 SI8261BBD-C-IS

PART NUMBER	SI8261BBD-C-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 5KV 1CH GATE DRVR 6SDIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8261BBD-C-IS.pdf
VOLTAGE - SUPPLY	9.4 V ~ 30 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	2.8V (Max)
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	6-SDIP
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	Tube
PACKAGE / CASE	6-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	4A Gate Driver Capacitive Coupling 5000Vrms 1 Channel 6-SDIP
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

Related Tags

Energy Micro (Silicon Labs) SI8261BBD-C-IS	SI8261BBD-C-IS Distributor	SI8261BBD-C-IS Supplier
SI8261BBD-C-IS Price	SI8261BBD-C-IS Pictures	SI8261BBD-C-IS Image
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Energy Micro (Silicon Labs) SI8261BBD-C-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Related Products

 SI8261BCC-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: Out stock RFQ	 SI8261BBC-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: Out stock RFQ
 SI8261BBD-C-IMR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DRVR 8LGA In stock: Out stock RFQ	 SI8261BBD-C-IM Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DRVR 8LGA In stock: Out stock RFQ
 SI8261BCC-C-IP Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8DIPGW In stock: 678 pcs RFQ	 SI8261BBD-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP In stock: Out stock RFQ
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 SI8261BBC-C-IP Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8DIPGW In stock: 240 pcs RFQ	 SI8261BCA-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1CH GATE DRIVER In stock: Out stock RFQ