



Energy Micro (Silicon Labs)



SI8221DC-D-ISR

Part Number:	SI8221DC-D-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 3.75KV GATE DRVR 8SOIC
Datasheets:	 SI8221DC-D-ISR.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	65953 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8221DC-D-ISR

PART NUMBER	SI8221DC-D-ISR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV GATE DRVR 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	65953 pcs
DATA SHEET	 SI8221DC-D-ISR.pdf
VOLTAGE - SUPPLY	14.8 V ~ 24 V
VOLTAGE - ISOLATION	3750Vrms
VOLTAGE - FORWARD (VF) (TYP)	2.5V (Max)
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	30ns, 30ns (Max)
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	60ns, 40ns
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
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	500mA Gate Driver Capacitive Coupling 3750Vrms 1 Channel 8-SOIC
CURRENT - PEAK OUTPUT	500mA
CURRENT - OUTPUT HIGH, LOW	300mA, 500mA
CURRENT - DC FORWARD (IF) (MAX)	30mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	30kV/μs (Typ)
APPROVALS	CQC, CSA, UR, VDE

Related Tags

Energy Micro (Silicon Labs) SI8221DC-D-ISR	SI8221DC-D-ISR Distributor	SI8221DC-D-ISR Supplier
SI8221DC-D-ISR Price	SI8221DC-D-ISR Pictures	SI8221DC-D-ISR Image
SI8221DC-D-ISR PDF Datasheet	SI8221DC-D-ISR Download Datasheet	SI8221DC-D-ISR Datasheet
SI8221DC-D-ISR Stock	Buy SI8221DC-D-ISR	Buy Energy Micro (Silicon Labs) SI8221DC-D-ISR
Energy Micro (Silicon Labs) SI8221DC-D-ISR	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories SI8221DC-D-ISR	Silicon Labs SI8221DC-D-ISR	

Related Products

 SI8221CC-A-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: 5546 pcs RFQ	 SI8230AB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 60002 pcs RFQ
 SI8230AB-B-IS1R Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 6075 pcs RFQ	 SI8230AB-B-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 5262 pcs RFQ
 SI8221DC-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: 50631 pcs RFQ	 SI8230AB-D-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 59509 pcs RFQ
 SI8221CC-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: 65956 pcs RFQ	 SI8221DC-A-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: 3937 pcs RFQ
 SI8230AB-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 5739 pcs RFQ	 SI8221DC-A-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: 3630 pcs RFQ
 SI8230AB-B-IS1 Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRVR 16SOIC In stock: 3832 pcs RFQ	 SI8221CC-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: 60317 pcs RFQ