





Energy Micro (Silicon Labs)




Image may be representation. See specifications for product details.

SI8220CD-D-IS

Part Number:	SI8220CD-D-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 5KV 1CH GATE DVR 16SOIC
Datasheets:	 SI8220CD-D-IS.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI8220CD-D-IS

PART NUMBER	SI8220CD-D-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 5KV 1CH GATE DVR 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8220CD-D-IS.pdf
VOLTAGE - SUPPLY	12.2 V ~ 24 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	2.5V (Max)
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	20ns, 20ns (Max)
PULSE WIDTH DISTORTION (MAX)	-
PROPAGATION DELAY TPLH / TPHL (MAX)	60ns, 40ns
PACKAGING	Tube
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	2.5A Gate Driver Capacitive Coupling 5000Vrms 1 Channel 16-SOIC
CURRENT - PEAK OUTPUT	2.5A
CURRENT - OUTPUT HIGH, LOW	1.5A, 2.5A
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) SI8220CD-D-IS	SI8220CD-D-IS Distributor	SI8220CD-D-IS Supplier
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Related Products

 <div>SI8220CB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: 46 pcs <div>RFQ</div></div>	 <div>SI8220DB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GATE DRIVER 8SOIC In stock: Out stock <div>RFQ</div></div>
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