



Energy Micro (Silicon Labs)



SI8261AAD-C-IMR

Part Number:	SI8261AAD-C-IMR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 5KV 1CH GATE DRVR 8LGA
Datasheets:	 SI8261AAD-C-IMR.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 SI8261AAD-C-IMR

PART NUMBER	SI8261AAD-C-IMR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 5KV 1CH GATE DRVR 8LGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8261AAD-C-IMR.pdf
VOLTAGE - SUPPLY	6.5 V ~ 30 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	2.8V (Max)
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	8-LGA (10x12.5)
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-VELGA
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	600mA Gate Driver Capacitive Coupling 5000Vrms 1 Channel 8-LGA (10x12.5)
CURRENT - PEAK OUTPUT	600mA
CURRENT - OUTPUT HIGH, LOW	400mA, 600mA
CURRENT - DC FORWARD (IF) (MAX)	30mA
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/µs
APPROVALS	CQC, CSA, UR, VDE

Related Tags

Energy Micro (Silicon Labs) SI8261AAD-C-IMR	SI8261AAD-C-IMR Distributor	SI8261AAD-C-IMR Supplier
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Silicon Laboratories SI8261AAD-C-IMR	Silicon Labs SI8261AAD-C-IMR	

Related Products

 SI8252-IQR Manufacturers: Energy Micro (Silicon Labs) Description: IC DIGITAL PWR CONTROLLER 32LQFP In stock: Out stock RFQ	 SI8261AAD-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DRVR 6SDIP In stock: 92 pcs RFQ
 SI8261ABC-C-IP Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8DIPGW In stock: 40 pcs RFQ	 SI8261ABA-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1CH GATE DRIVER In stock: Out stock RFQ
 SI8261AAC-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV GATE DRVR 8SOIC In stock: Out stock RFQ	 SI8261ABA-C-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 1CH GATE DRIVER In stock: Out stock RFQ
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