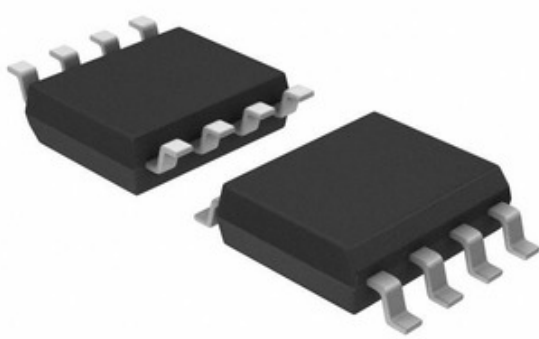




Energy Micro (Silicon Labs)



SI8420-A-IS

Part Number:	SI8420-A-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 2.5KV GEN PURP 8SOIC
Datasheets:	 SI8420-A-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.

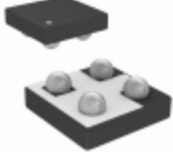
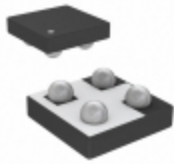
Specifications of SI8420-A-IS

PART NUMBER	SI8420-A-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 2.5KV GEN PURP 8SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 SI8420-A-IS.pdf
VOLTAGE - SUPPLY	2.375 V ~ 5.5 V
VOLTAGE - ISOLATION	2500Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	8-SOIC
SERIES	-
RISE / FALL TIME (TYP)	2ns, 2ns
PULSE WIDTH DISTORTION (MAX)	30ns
PROPAGATION DELAY TPLH / TPHL (MAX)	75ns, 75ns
PACKAGING	Tube
PACKAGE / CASE	8-SOIC (0.154", 3.90mm Width)
OTHER NAMES	336-1357 SI8420-A-IS-ND
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	2/0
DETAILED DESCRIPTION	General Purpose Digital Isolator 2500Vrms 2 Channel 1Mbps 25kV/μs CMTI 8-SOIC (0.154", 3.90mm Width)
DATA RATE	1Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	25kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI8420-A-IS	SI8420-A-IS Distributor	SI8420-A-IS Supplier
SI8420-A-IS Price	SI8420-A-IS Pictures	SI8420-A-IS Image
SI8420-A-IS PDF Datasheet	SI8420-A-IS Download Datasheet	SI8420-A-IS Datasheet
SI8420-A-IS Stock	Buy SI8420-A-IS	Buy Energy Micro (Silicon Labs) SI8420-A-IS
Energy Micro (Silicon Labs) SI8420-A-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
Energy Micro (Silicon Labs) SI8420-A-IS	Energy Micro SI8420-A-IS	Energy Micro (Silicon Labs) SI8420-A-IS
Silicon Laboratories SI8420-A-IS	Silicon Labs SI8420-A-IS	

Related Products

 SI8420AB-D-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: Out stock RFQ	 SI8420AD-A-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: Out stock RFQ
 SI8416DB-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: MOSFET N-CH 8V 16A MICRO In stock: Out stock RFQ	 SI8410DB-T2-E1 Manufacturers: Electro-Films (EFI) / Vishay Description: MOSFET N-CH 20V MICROFOOT In stock: Out stock RFQ
 SI8420-C-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: Out stock RFQ	 SI8420-B-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: Out stock RFQ
 SI8417DB-T2-E1 Manufacturers: Electro-Films (EFI) / Vishay Description: MOSFET P-CH 12V 14.5A 2X2 6MFP In stock: Out stock RFQ	 SI8413DB-T1-E1 Manufacturers: Electro-Films (EFI) / Vishay Description: MOSFET P-CH 20V 4.8A 2X2 4-MFP In stock: Out stock RFQ
 SI8415DB-T1-E1 Manufacturers: Electro-Films (EFI) / Vishay Description: MOSFET P-CH 12V 5.3A 2X2 4-MFP In stock: Out stock RFQ	 SI8420AB-D-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 2.5KV GEN PURP 8SOIC In stock: Out stock RFQ
 SI8416DB-T2-E1 Manufacturers: Electro-Films (EFI) / Vishay Description: MOSFET N-CH 8V 16A MICRO In stock: Out stock RFQ	 SI8420AD-A-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 2CH GEN PURP 16SOIC In stock: Out stock RFQ