



SI88644ED-IS

Part Number:	SI88644ED-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description	DGTL ISO 5KV 4CH GEN PURP 24SOIC
Datasheets:	 SI88644ED-IS.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	22050 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI88644ED-IS

PART NUMBER	SI88644ED-IS
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 5KV 4CH GEN PURP 24SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	22050 pcs
DATA SHEET	 SI88644ED-IS.pdf
VOLTAGE - SUPPLY	3 V ~ 5.5 V
VOLTAGE - ISOLATION	5000Vrms
TYPE	General Purpose
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	24-SOIC
SERIES	-
RISE / FALL TIME (TYP)	2.5ns, 2.5ns
PULSE WIDTH DISTORTION (MAX)	4.8ns (Typ)
PROPAGATION DELAY TPLH / TPHL (MAX)	12.6ns, 17.5ns (Typ)
PACKAGING	Tube
PACKAGE / CASE	24-SOIC (0.295", 7.50mm Width)
OTHER NAMES	336-3945
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	4
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	6 (Time on Label)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
ISOLATED POWER	No
INPUTS - SIDE 1/SIDE 2	0/4
DETAILED DESCRIPTION	General Purpose Digital Isolator 5000Vrms 4 Channel 100Mbps 40kV/μs CMTI 24-SOIC (0.295", 7.50mm Width)
DATA RATE	100Mbps
COMMON MODE TRANSIENT IMMUNITY (MIN)	40kV/μs
CHANNEL TYPE	Unidirectional

Related Tags

Energy Micro (Silicon Labs) SI88644ED-IS	SI88644ED-IS Distributor	SI88644ED-IS Supplier
SI88644ED-IS Price	SI88644ED-IS Pictures	SI88644ED-IS Image
SI88644ED-IS PDF Datasheet	SI88644ED-IS Download Datasheet	SI88644ED-IS Datasheet
SI88644ED-IS Stock	Buy SI88644ED-IS	Buy Energy Micro (Silicon Labs) SI88644ED-IS
Energy Micro (Silicon Labs) SI88644ED-IS	Energy Micro (Silicon Labs) Supplier	Energy Micro (Silicon Labs) Distributor
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Silicon Laboratories SI88644ED-IS	Silicon Labs SI88644ED-IS	

Related Products

 SI88643EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 22349 pcs RFQ	 SI88644EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 16987 pcs RFQ
 SI88642EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 17291 pcs RFQ	 SI8900D-A01-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC ADC 10BIT SRL/UART SOIC In stock: 30565 pcs RFQ
 SI88644EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 20356 pcs RFQ	 SI886XXISO-KIT Manufacturers: Energy Micro (Silicon Labs) Description: EVALUATION KIT SI886XX In stock: 4244 pcs RFQ
 SI8900D-A01-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC ADC 10BIT SRL/UART SOIC In stock: 30937 pcs RFQ	 SI88642EC-ISR Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 16852 pcs RFQ
 SI8900B-A01-GS Manufacturers: Energy Micro (Silicon Labs) Description: IC ADC 10BIT SRL/UART SOIC In stock: 35922 pcs RFQ	 SI8900B-A01-GSR Manufacturers: Energy Micro (Silicon Labs) Description: IC ADC 10BIT SRL/UART SOIC In stock: 35762 pcs RFQ
 SI88XXXISO-KIT Manufacturers: Energy Micro (Silicon Labs) Description: EVAL BOARD SI882XX ISOLATOR PLUS In stock: 3367 pcs RFQ	 SI88643EC-IS Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: 19106 pcs RFQ