




Energy Micro (Silicon Labs)

## SI88644ED-IS

Part Number:	SI88644ED-IS
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 5KV 4CH GEN PURP 24SOIC
Datasheets:	<a href="#">SI88644ED-IS.pdf</a>
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 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
DATA SHEET	<a href="#">SI88644ED-IS.pdf</a>
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

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 <p><b>SI88XXXISO-KIT</b> Manufacturers: Energy Micro (Silicon Labs) Description: EVAL BOARD SI882XX ISOLATOR PLUS In stock: 7 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>SI88642EC-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8900B-A01-GS</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC ADC 10BIT SRL/UART SOIC In stock: 339 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8900B-A01-GSR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC ADC 10BIT SRL/UART SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
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