



SI8431AB-D-IS1R

Manufacturer Part Number:	SI8431AB-D-IS1R
Manufacturer / Brand:	Energy Micro (Silicon Labs)
Part of Description:	DGTL ISO 2.5KV GEN PURP 16SOIC
Datasheets:	SI8431AB-D-IS1R.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 700 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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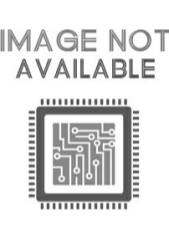



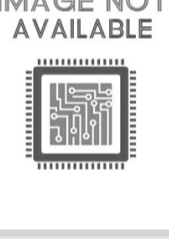

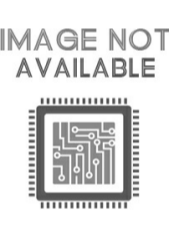
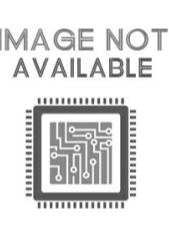






















The specifications of SI8431AB-D-IS1R

Part Number	SI8431AB-D-IS1R	Manufacturer / Brand	Energy Micro (Silicon Labs)
Series	-	Moisture Sensitivity Level (MSL)	2 (1 Year)
Package / Case	16-SOIC (0.154", 3.90mm Width)	Packaging	Tape & Reel (TR)
Mounting Type	Surface Mount	Supplier Device Package	16-SOIC
Operating Temperature	-40°C ~ 125°C	Detailed Description	General Purpose Digital Isolator 2500Vrms 3 Channel 1Mbps 25kV/μs (Typ) CMTI 16-SOIC (0.154", 3.90mm Width)
Technology	Capacitive Coupling	Type	General Purpose
Number of Channels	3	Voltage - Supply	2.7 V ~ 5.5 V
Voltage - Isolation	2500Vrms	Data Rate	1Mbps
Channel Type	Unidirectional	Rise / Fall Time (Typ)	3.8ns, 2.8ns
Isolated Power	No	Inputs - Side 1/Side 2	2/1
Common Mode Transient Immunity (Min)	25kV/μs (Typ)	Propagation Delay tpLH / tpHL (Max)	35ns, 35ns
Pulse Width Distortion (Max)	25ns	Stock Quantity	700 pcs Stock
Category	Isolators > Digital Isolators	Description	DGTL ISO 2.5KV GEN PURP 16SOIC
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords realted to SI8431AB-D-IS1R

Energy Micro (Silicon Labs) SI8431AB-D-IS1R	SI8431AB-D-IS1R part	SI8431AB-D-IS1R Price	SI8431AB-D-IS1R Distributor
SI8431AB-D-IS1R Technical	SI8431AB-D-IS1R Stock	SI8431AB-D-IS1R Inventory	SI8431AB-D-IS1R Supplier
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