



SI8442AB-D-ISR

Manufacturer Part Number:	SI8442AB-D-ISR
Manufacturer / Brand	Energy Micro (Silicon Labs)
Part of Description:	DGTL ISO 2.5KV GEN PURP 16SOIC
Datasheets:	SI8442AB-D-ISR.pdf
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 300 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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SI8442AB-D-ISR 100% New Original 300pcs in Stock, Find SI8442AB-D-ISR Price, Stock, datasheet at IC Components Ltd Online, buy SI8442AB-D-ISR Energy Micro (Silicon Labs) with warrantied. 100% guarantee confidence. RFQ SI8442AB-D-ISR: Info@IC-Components.com

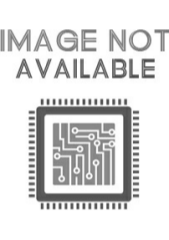









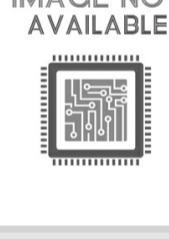
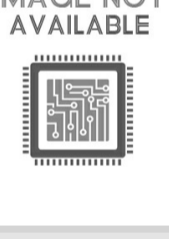
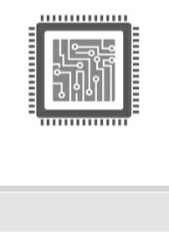

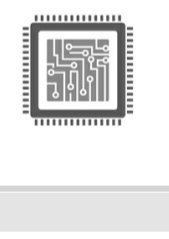
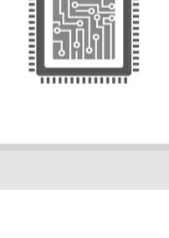




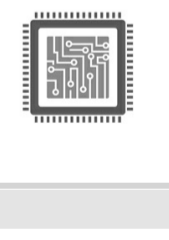
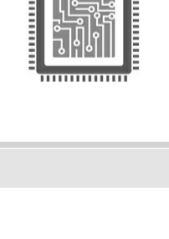
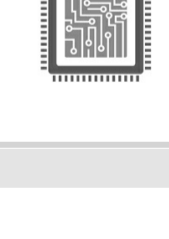




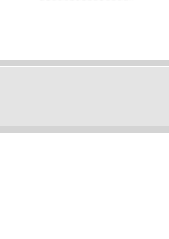
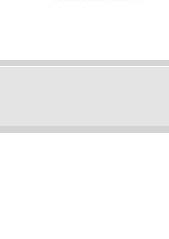
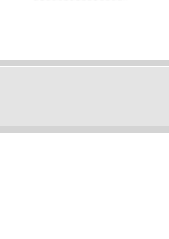
The specifications of SI8442AB-D-ISR

Part Number	SI8442AB-D-ISR	Manufacturer / Brand	Energy Micro (Silicon Labs)
Series	-	Moisture Sensitivity Level (MSL)	2A (4 Weeks)
Package / Case	16-SOIC (0.295", 7.50mm 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 4 Channel 1Mbps 25kV/μs (Typ) CMTI 16-SOIC (0.295", 7.50mm Width)
Technology	Capacitive Coupling	Type	General Purpose
Number of Channels	4	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	2/2
Common Mode Transient Immunity (Min)	25kV/μs (Typ)	Propagation Delay tpLH / tpHL (Max)	35ns, 35ns
Pulse Width Distortion (Max)	25ns	Stock Quantity	300 pcs Stock
Category	Isolators > Digital Isolators	Description	DGTL ISO 2.5KV GEN PURP 16SOIC
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to SI8442AB-D-ISR

Energy Micro (Silicon Labs) SI8442AB-D-ISR	SI8442AB-D-ISR part	SI8442AB-D-ISR Price	SI8442AB-D-ISR Distributor
SI8442AB-D-ISR Technical	SI8442AB-D-ISR Stock	SI8442AB-D-ISR Inventory	SI8442AB-D-ISR Supplier
SI8442AB-D-ISR Online Order	SI8442AB-D-ISR Inquiry	SI8442AB-D-ISR Image	SI8442AB-D-ISR Picture
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 <p>SI8461DB-T2-E1 Description: MOSFET P-CH 20V MICROFOOT Manufacturers: Electro-Films (EF) / Vishay In Stock: New original, 3000 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8441BB-D-IS Description: DGTL ISO 2.5KV GEN PURP 16SOIC Manufacturers: Energy Micro (Silicon Labs) In Stock: New original, 9600 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8441BB-D-IS1 Description: DGTL ISO 2.5KV GEN PURP 16SOIC Manufacturers: Energy Micro (Silicon Labs) In Stock: New original, 300 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
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 <p>SI8445-B-IS Description: DGTL ISO 2.5KV GEN PURP 16SOIC Manufacturers: Energy Micro (Silicon Labs) In Stock: New original, 20000 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8442BB Description: SI8442BB ST SOP Manufacturers: ST In Stock: New original, 5200 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8460BA Description: SI8460BA SILICON SOP16 Manufacturers: SILICON In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p>SI8441BB Description: SI8441BB ST SOP Manufacturers: ST In Stock: New original, 13500 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8451AB-B-IS1 Description: DGTL ISO 2.5KV GEN PURP 16SOIC Manufacturers: Energy Micro (Silicon Labs) In Stock: New original, 2400 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8442C-IS Description: SI8442C-IS SILCO SOP16 Manufacturers: SILCO In Stock: New original, 12500 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p>SI8445-B-ISR Description: SI8445-B-ISR SILICON SOP16 Manufacturers: SILICON In Stock: New original, 1600 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8461DB Description: SI8461DB VISHAY CSPBGA Manufacturers: Vishay Precision Group In Stock: New original, 12000 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8441BB-D-ISR Description: DGTL ISO 2.5KV GEN PURP 16SOIC Manufacturers: Energy Micro (Silicon Labs) In Stock: New original, 2100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p>SI8442-B-IS Description: DGTL ISO 2.5KV GEN PURP 16SOIC Manufacturers: Energy Micro (Silicon Labs) In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8441AB-D-ISR Description: DGTL ISO 2.5KV GEN PURP 16SOIC Manufacturers: Energy Micro (Silicon Labs) In Stock: New original, 1200 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8442AB-C-ISR Description: SI8442AB-C-ISR SILICON SOP16 Manufacturers: SILICON In Stock: New original, 2000 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
 <p>SI8450AB Description: SI8450AB SILICON SOP16 Manufacturers: SILICON In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8455BA-B-IU QSOP16 Description: SI8455BA-B-IU QSOP16 SILICON QSOP16 Manufacturers: SILICON In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8451BB-A-IS1 Description: DGTL ISO 2.5KV GEN PURP 16SOIC Manufacturers: Energy Micro (Silicon Labs) In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>
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 <p>SI8442AB Description: SI8442AB SILICON SOP16 Manufacturers: SILICON In Stock: New original, 5600 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8441AA-D-IS Description: SI8441AA-D-IS SILICON SOP16 Manufacturers: SILICON In Stock: New original, 8800 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>	 <p>SI8460AA Description: SI8460AA SILICON SOP16 Manufacturers: SILICON In Stock: New original, 200 pcs Stock Available. Quote: <input type="text"/> <input type="button" value="RFQ"/></p>



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