

SI8712CC-B-IP



Part Number: [SI8712CC-B-IP](#)
Manufacturer: [Energy Micro \(Silicon Labs\)](#)
Description: DGTL ISO 3.75KV GEN PURP 8DIPGW
Data sheet: [PDF](#) [SI87xx](#)

RoHS Status: Lead free / RoHS Compliant
Ship From: Hong Kong
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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PRODUCT PARAMETER

Part Number	SI8712CC-B-IP
Manufacturer	Energy Micro (Silicon Labs)
Description	DGTL ISO 3.75KV GEN PURP 8DIPGW
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	67963 pcs
Product Photo	SI8712CC-B-IP.jpg
Category	Isolators
Voltage - Supply	3 V ~ 30 V
Voltage - Isolation	3750Vrms
Type	General Purpose
Technology	Capacitive Coupling
Supplier Device Package	8-DIP Gull Wing
Series	-
Rise / Fall Time (Typ)	15ns, 5ns
Pulse Width Distortion (Max)	20ns
Propagation Delay tpLH / tpHL (Max)	60ns, 60ns
Packaging	Tube
Package / Case	8-SMD, Gull Wing
Other Names	336-2387 SI8712CCBIP
Operating Temperature	-40°C ~ 125°C
Number of Channels	1
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Isolated Power	No
Inputs - Side 1/Side 2	1/0
Detailed Description	General Purpose Digital Isolator 3750Vrms 1 Channel 1Mbps 20kV/μs CMT1 8-SMD, Gull Wing
Data Rate	1Mbps
Common Mode Transient Immunity (Min)	20kV/μs
Channel Type	Unidirectional

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