



Energy Micro (Silicon Labs)

## SI8286CC-ISR

Part Number:	SI8286CC-ISR
Manufacturer/Brand:	Energy Micro (Silicon Labs)
Product description:	DGTL ISO 3.75KV 1CH GATE DRVR
Datasheets:	<a href="#">PDF SI8286CC-ISR.pdf</a>
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 SI8286CC-ISR

PART NUMBER	SI8286CC-ISR
MANUFACTURER	Energy Micro (Silicon Labs)
DESCRIPTION	DGTL ISO 3.75KV 1CH GATE DRVR
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	<a href="#">PDF SI8286CC-ISR.pdf</a>
VOLTAGE - SUPPLY	2.8 V ~ 5.5 V
VOLTAGE - ISOLATION	5000Vrms
VOLTAGE - FORWARD (VF) (TYP)	-
TECHNOLOGY	Capacitive Coupling
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	Automotive, AEC-Q100
RISE / FALL TIME (TYP)	5.5ns, 8.5ns
PULSE WIDTH DISTORTION (MAX)	5ns
PROPAGATION DELAY TPLH / TPHL (MAX)	50ns, 50ns
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	16-SOIC (0.295", 7.50mm Width)
OTHER NAMES	336-5060-1
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF CHANNELS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
DETAILED DESCRIPTION	4A Gate Driver Capacitive Coupling 5000Vrms 1 Channel 16-SOIC
CURRENT - PEAK OUTPUT	4A
CURRENT - OUTPUT HIGH, LOW	2.5A, 3A
COMMON MODE TRANSIENT IMMUNITY (MIN)	35kV/μs
APPROVALS	CQC, CSA, UL, VDE

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## Related Products

 <p><b>SI8285_86-KIT</b> Manufacturers: Energy Micro (Silicon Labs) Description: EVALUATION KIT FOR SI8285 AND SI8286 In stock: 12 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8285CD-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8287CD-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC AMP DVR 4.0A DESAT DET 20SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8287BD-IS</b> Manufacturers: Silicon Labs Description: 4.0 AMP DRIVER WITH DESAT DETECT In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8287BD-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: IC AMP DVR 4.0A DESAT DET 20SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8287CD-IS</b> Manufacturers: Silicon Labs Description: 4.0 AMP DRIVER WITH DESAT DETECT In stock: Out stock</p> <p><a href="#">RFQ</a></p>
 <p><b>SI8286BC-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 3.75KV 1CH GATE DRVR In stock: Out stock</p> <p><a href="#">RFQ</a></p>	 <p><b>SI8286BD-ISR</b> Manufacturers: Energy Micro (Silicon Labs) Description: DGTL ISO 5KV 1CH GATE DVR 16SOIC In stock: Out stock</p> <p><a href="#">RFQ</a></p>
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