



#### SI8235BB-D-IS Information



For Reference Only

Part Number SI8235BB-D-IS Manufacturer Silicon Labs Category Isolators

Isolators - Gate Drivers

**Description** DGTL ISO 2.5KV GATE DRVR 16SOIC

**Package** 16-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# SI8235BB-D-IS Specifications

Manufacturer Part Number         SI8235BB-D-IS           Manufacturer         Silicon Labs           Category         Isolators           Package         16-SOIC (0.295", 7.50mm Width)           Series         Automotive, AEC-Q100           Technology         Capacitive Coupling           Number of Channels         2           Voltage - Isolation         2500Vrms           Common Mode Transient Immunity (Min)         20kV/µs           Propagation Delay tpLH / tpHL (Max)         60ns, 60ns           Pulse Width Distortion (Max)         5.6ns           Rise / Fall Time (Typ)         12ns, 12ns (Max)           Current - Output High, Low         2A, 4A           Current - Peak Output         4A           Voltage - Forward (Vf) (Typ)         -           Current - DC Forward (If) (Max)         9.4 V ~ 24 V           Operating Temperature         4.0° C ~ 125°C           Mounting Type         Surface Mount           Package / Case         16-SOIC (0.295", 7.50mm Width)           Supplier Device Package         16-SOIC           Approvals         CQC, CSA, UR, VDE	<b>*</b>	
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Supplier Device Package 16-SOIC Approvals CQC, CSA, UR, VDE	Mounting Type	Surface Mount
Approvals CQC, CSA, UR, VDE	Package / Case	16-SOIC (0.295", 7.50mm Width)
••	Supplier Device Package	16-SOIC
Report errors?	Approvals	CQC, CSA, UR, VDE
		Report errors?

#### SI8235BB-D-IS Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### SI8235BB-D-IS Payment Methods



















## SI8235BB-D-IS Shipping Methods













If you have any question about SI8235BB-D-IS, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com