



#### SI8235AD-C-IS Information



For Reference Only

Part Number SI8235AD-C-IS
Manufacturer Silicon Labs
Category Isolators

Isolators - Gate Drivers

**Description** DGTL ISO 5KV 2CH GATE DVR 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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# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# SI8235AD-C-IS Specifications

Manufacturer Part Number         Si8235AD-C-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         5000Vrms           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)         -           Voltage - Supply         6.5 V ~ 24 V           Operating Temperature         40°C ~ 125°C           Mounting Type         8urface Mount           Package / Case         16-SOIC (0.295", 7.50mm Width)           Supplier Device Package         16-SOIC           Approvals         CQC, CSA, UR, VDE	•	
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Pulse Width Distortion (Max)  Rise / Fall Time (Typ)  12ns, 12ns (Max)  Current - Output High, Low  2A, 4A  Current - Peak Output  Voltage - Forward (Vf) (Typ)  -  Current - DC Forward (If) (Max)  Voltage - Supply  6.5 V ~ 24 V  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.295", 7.50mm Width)  Supplier Device Package  Approvals  Current - Octobre Simple Si	Common Mode Transient Immunity (Min)	$20kV/\mu s$
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	Supplier Device Package	16-SOIC
Report errors?	Approvals	CQC, CSA, UR, VDE
		Report errors?

#### SI8235AD-C-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.

# SI8235AD-C-IS Payment Methods





















### SI8235AD-C-IS Shipping Methods













If you have any question about SI8235AD-C-IS, please do not hesitate to contact us!

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