

ISL78420AVEZ-T Information


For Reference Only

Part Number [ISL78420AVEZ-T](#)
Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)
 PMIC - Gate Drivers
Description IC DRVR HALF BRIDGE 10DFN
Package 14-TSSOP (0.173", 4.40mm Width) Exposed Pad
 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.


ISL78420AVEZ-T Specifications

| | |
|--------------------------------------|--|
| Manufacturer Part Number | ISL78420AVEZ-T |
| Manufacturer | Renesas Electronics America |
| Category | Integrated Circuits (ICs) PMIC - Gate Drivers |
| Package | 14-TSSOP (0.173", 4.40mm Width) Exposed Pad |
| Series | Automotive, AEC-Q100 |
| Driven Configuration | Half-Bridge |
| Channel Type | Synchronous |
| Number of Drivers | 2 |
| Gate Type | N-Channel MOSFET |
| Voltage - Supply | 8 V ~ 14 V |
| Logic Voltage - VIL, VIH | 1.8V, 4V |
| Current - Peak Output (Source, Sink) | 2A, 2A |
| Input Type | Non-Inverting |
| High Side Voltage - Max (Bootstrap) | 114V |
| Rise / Fall Time (Typ) | 10ns, 10ns |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | 14-TSSOP (0.173", 4.40mm Width) Exposed Pad |
| Supplier Device Package | 14-HTSSOP |
| Report errors? | |

ISL78420AVEZ-T 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.

ISL78420AVEZ-T Payment Methods



ISL78420AVEZ-T Shipping Methods



If you have any question about ISL78420AVEZ-T, please do not hesitate to contact us!

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