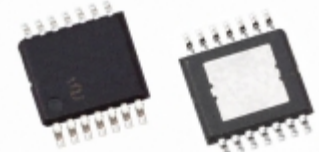


ISL78420AVEZ-T7A



Images are for reference only.  
See Product Specifications for product details.  
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A Renesas Company

**Part Number:** [ISL78420AVEZ-T7A](#)

**Manufacturer** [Intersil](#)

**Description** IC DRVr HALF BRIDGE 10DFN

**Data sheet:**  [ISL78420](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

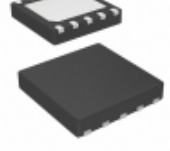
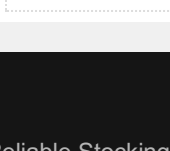
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| PRODUCT PARAMETER                    |                                             |                                  |                                                    |
|--------------------------------------|---------------------------------------------|----------------------------------|----------------------------------------------------|
| Part Number                          | ISL78420AVEZ-T7A                            | Manufacturer                     | <a href="#">Intersil</a>                           |
| Description                          | IC DRVr HALF BRIDGE 10DFN                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                         |
| Quantity Available                   | 40487 pcs                                   | Data sheet                       | <a href="#">ISL78420</a>                           |
| Category                             | <a href="#">Integrated Circuits (ICs)</a>   | Voltage - Supply                 | 8 V ~ 14 V                                         |
| Supplier Device Package              | 14-HTSSOP                                   | Series                           | Automotive, AEC-Q100                               |
| Rise / Fall Time (Typ)               | 10ns, 10ns                                  | Packaging                        | Tape & Reel (TR)                                   |
| Package / Case                       | 14-TSSOP (0.173", 4.40mm Width) Exposed Pad | Other Names                      | ISL78420AVEZ-T7ATR                                 |
| Operating Temperature                | -55°C ~ 150°C (TJ)                          | Number of Drivers                | 2                                                  |
| Mounting Type                        | Surface Mount                               | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                      |
| Manufacturer Standard Lead Time      | 7 Weeks                                     | Logic Voltage - VIL, VIH         | 1.8V, 4V                                           |
| Lead Free Status / RoHS Status       | Lead free / RoHS Compliant                  | Input Type                       | Non-Inverting                                      |
| High Side Voltage - Max (Bootstrap)  | 114V                                        | Gate Type                        | N-Channel MOSFET                                   |
| Driven Configuration                 | Half-Bridge                                 | Detailed Description             | Half-Bridge Gate Driver IC Non-Inverting 14-HTSSOP |
| Current - Peak Output (Source, Sink) | 2A, 2A                                      | Channel Type                     | Synchronous                                        |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 40487 pieces of Intersil ISL78420AVEZ-T7A in stock available now.

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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">ISL78419ARZ</a><br>Description: IC TFT-LCD PS REGULATOR 28QFN       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78419ARZ-T7A</a><br>Description: IC TFT-LCD PS REGULATOR 28QFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78692-1CR3Z-T</a><br>Description: IC BATT CHARGER LI-ION 10DFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78610ANZ</a><br>Description: IC BATT MON MULTI-CHEM 64TQFP       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78600ANZR5573</a><br>Description: IC BATTERY MONITOR 64TQFP      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78600ANZ-TR5573</a><br>Description: IC BATTERY MONITOR 64TQFP    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78365EVAL1Z</a><br>Description: EVAL BOARD FOR ISL78365          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78420ARTBZ-T</a><br>Description: IC DRVr HALF BRIDGE 9DFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78420EVAL1Z</a><br>Description: EVAL BOARD FOR ISL78420          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78692-1CR3Z</a><br>Description: IC BATT CHARGER LI-ION 10DFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78420AVEZ</a><br>Description: IC DRVr HALF BRIDGE 10DFN          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78365ARZ-T7A</a><br>Description: IC LASER DRIVER 40WQFN          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78420ARTBZ</a><br>Description: IC DRVr HALF BRIDGE 9DFN          | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78420AVEZ-T</a><br>Description: IC DRVr HALF BRIDGE 10DFN        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78600EVKIT1Z</a><br>Description: EVAL BOARD FOR ISL78600         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78419ARZ-T</a><br>Description: IC TFT-LCD PS REGULATOR 28QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78610ANZ-T</a><br>Description: IC BATT MON MULTI-CHEM 64TQFP     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78692-1CR3Z-T7A</a><br>Description: IC BATT CHARGER LI-ION 10DFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78420ARTAZ</a><br>Description: IC DRVr HALF BRIDGE 10DFN         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL78610EVKIT1Z</a><br>Description: EVAL BOARD FOR ISL78610         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

Related keywords for ISL78420AVEZ-T7A

|                                     |                              |                           |                        |
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