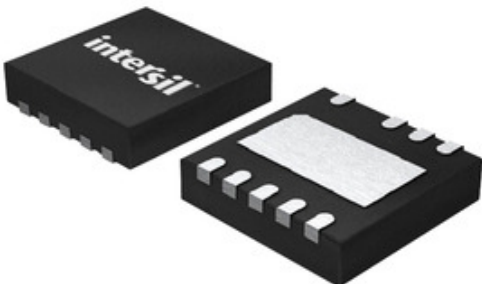




A Renesas Company

Intersil



ISL78420ARTBZ-T

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ISL78420ARTBZ-T                                                                                                       |
| Manufacturer/Brand: | Intersil                                                                                                              |
| Product description | IC DRVR HALF BRIDGE 9DFN                                                                                              |
| Datasheets:         |  <a href="#">ISL78420ARTBZ-T.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 3005 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

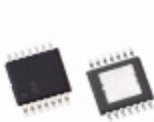
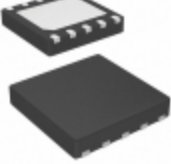
Specifications of ISL78420ARTBZ-T

|                                      |                                                                                                                         |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ISL78420ARTBZ-T                                                                                                         |
| MANUFACTURER                         | Intersil                                                                                                                |
| DESCRIPTION                          | IC DRVR HALF BRIDGE 9DFN                                                                                                |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE                   | 3005 pcs                                                                                                                |
| DATA SHEET                           |  <a href="#">ISL78420ARTBZ-T.pdf</a> |
| VOLTAGE - SUPPLY                     | 8 V ~ 14 V                                                                                                              |
| SUPPLIER DEVICE PACKAGE              | 9-TDFN (4x4)                                                                                                            |
| SERIES                               | Automotive, AEC-Q100                                                                                                    |
| RISE / FALL TIME (TYP)               | 10ns, 10ns                                                                                                              |
| PACKAGING                            | Tape & Reel (TR)                                                                                                        |
| PACKAGE / CASE                       | 9-WDFN Exposed Pad                                                                                                      |
| OTHER NAMES                          | ISL78420ARTBZ-T-ND<br>ISL78420ARTBZ-TTR                                                                                 |
| OPERATING TEMPERATURE                | -55°C ~ 150°C (TJ)                                                                                                      |
| NUMBER OF DRIVERS                    | 2                                                                                                                       |
| MOUNTING TYPE                        | Surface Mount                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 3 (168 Hours)                                                                                                           |
| 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 9-TDFN (4x4)                                                                   |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 2A, 2A                                                                                                                  |
| CHANNEL TYPE                         | Synchronous                                                                                                             |
| BASE PART NUMBER                     | ISL78420A                                                                                                               |

Related Tags

|                               |                                    |                              |
|-------------------------------|------------------------------------|------------------------------|
| Intersil ISL78420ARTBZ-T      | ISL78420ARTBZ-T Distributor        | ISL78420ARTBZ-T Supplier     |
| ISL78420ARTBZ-T Price         | ISL78420ARTBZ-T Pictures           | ISL78420ARTBZ-T Image        |
| ISL78420ARTBZ-T PDF Datasheet | ISL78420ARTBZ-T Download Datasheet | ISL78420ARTBZ-T Datasheet    |
| ISL78420ARTBZ-T Stock         | Buy ISL78420ARTBZ-T                | Buy Intersil ISL78420ARTBZ-T |
| Intersil ISL78420ARTBZ-T      | Intersil Supplier                  | Intersil Distributor         |
| Intersil ISL78420ARTBZ-T      |                                    |                              |

Related Products

|                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>ISL78419ARZ-T7A</b><br/>Manufacturers: Intersil<br/>Description: IC TFT-LCD PS REGULATOR 28QFN<br/>In stock: 20331 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>ISL78420AVEZ-T7A</b><br/>Manufacturers: Intersil<br/>Description: IC DRVR HALF BRIDGE 10DFN<br/>In stock: 29891 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>ISL78419ARZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC TFT-LCD PS REGULATOR 28QFN<br/>In stock: 31682 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ISL78420AVEZ</b><br/>Manufacturers: Intersil<br/>Description: IC DRVR HALF BRIDGE 10DFN<br/>In stock: 20539 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>ISL78600ANZ-TR5573</b><br/>Manufacturers: Intersil<br/>Description: IC BATTERY MONITOR 64TQFP<br/>In stock: 5200 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>ISL78419ARZ</b><br/>Manufacturers: Intersil<br/>Description: IC TFT-LCD PS REGULATOR 28QFN<br/>In stock: 14722 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>ISL78420ARTBZ</b><br/>Manufacturers: Intersil<br/>Description: IC DRVR HALF BRIDGE 9DFN<br/>In stock: 4089 pcs<br/><div>RFQ</div></div>         | <div></div> <div><b>ISL78420EVAL1Z</b><br/>Manufacturers: Intersil<br/>Description: EVAL BOARD FOR ISL78420<br/>In stock: 1459 pcs<br/><div>RFQ</div></div>      |
| <div></div> <div><b>ISL78420ARTAZ</b><br/>Manufacturers: Intersil<br/>Description: IC DRVR HALF BRIDGE 10DFN<br/>In stock: 4640 pcs<br/><div>RFQ</div></div>        | <div></div> <div><b>ISL78420AVEZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC DRVR HALF BRIDGE 10DFN<br/>In stock: 40581 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>ISL78600ANZR5573</b><br/>Manufacturers: Intersil<br/>Description: IC BATTERY MONITOR 64TQFP<br/>In stock: 4983 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>ISL78365EVAL1Z</b><br/>Manufacturers: Intersil<br/>Description: EVAL BOARD FOR ISL78365<br/>In stock: 771 pcs<br/><div>RFQ</div></div>       |