



ISL6612AIR

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ISL6612AIR                                                                                                           |
| Manufacturer/Brand: | Intersil                                                                                                             |
| Product description | IC MOSFET DRVR SYNC BUCK 10-DFN                                                                                      |
| Datasheets:         |  <a href="#">ISL6612AIR.pdf</a>     |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 5904 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

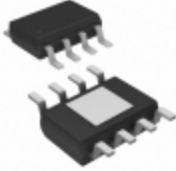
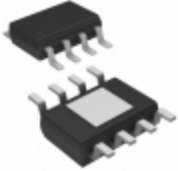
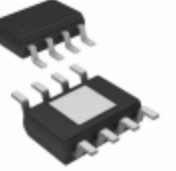
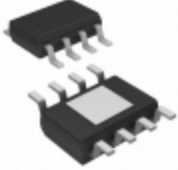
Specifications of ISL6612AIR

|                                      |                                                                                                                    |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                          | ISL6612AIR                                                                                                         |
| MANUFACTURER                         | Intersil                                                                                                           |
| DESCRIPTION                          | IC MOSFET DRVR SYNC BUCK 10-DFN                                                                                    |
| LEAD FREE STATUS / ROHS STATUS       | Contains lead / RoHS non-compliant                                                                                 |
| QUANTITY AVAILABLE                   | 5904 pcs                                                                                                           |
| DATA SHEET                           |  <a href="#">ISL6612AIR.pdf</a> |
| VOLTAGE - SUPPLY                     | 10.8 V ~ 13.2 V                                                                                                    |
| SUPPLIER DEVICE PACKAGE              | 10-DFN (3x3)                                                                                                       |
| SERIES                               | -                                                                                                                  |
| RISE / FALL TIME (TYP)               | 26ns, 18ns                                                                                                         |
| PACKAGING                            | Tube                                                                                                               |
| PACKAGE / CASE                       | 10-VFDFN Exposed Pad                                                                                               |
| OPERATING TEMPERATURE                | -40°C ~ 125°C (TJ)                                                                                                 |
| NUMBER OF DRIVERS                    | 2                                                                                                                  |
| MOUNTING TYPE                        | Surface Mount                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                                                                                      |
| LOGIC VOLTAGE - VIL, VIH             | -                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS       | Contains lead / RoHS non-compliant                                                                                 |
| INPUT TYPE                           | Non-Inverting                                                                                                      |
| HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)  | 36V                                                                                                                |
| GATE TYPE                            | N-Channel MOSFET                                                                                                   |
| DRIVEN CONFIGURATION                 | Half-Bridge                                                                                                        |
| DETAILED DESCRIPTION                 | Half-Bridge Gate Driver IC Non-Inverting 10-DFN (3x3)                                                              |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 1.25A, 2A                                                                                                          |
| CHANNEL TYPE                         | Synchronous                                                                                                        |
| BASE PART NUMBER                     | ISL6612A                                                                                                           |

Related Tags

|                          |                               |                         |
|--------------------------|-------------------------------|-------------------------|
| Intersil ISL6612AIR      | ISL6612AIR Distributor        | ISL6612AIR Supplier     |
| ISL6612AIR Price         | ISL6612AIR Pictures           | ISL6612AIR Image        |
| ISL6612AIR PDF Datasheet | ISL6612AIR Download Datasheet | ISL6612AIR Datasheet    |
| ISL6612AIR Stock         | Buy ISL6612AIR                | Buy Intersil ISL6612AIR |
| Intersil ISL6612AIR      | Intersil Supplier             | Intersil Distributor    |
| Intersil ISL6612AIR      |                               |                         |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>A Renesas Company</div></div> <div><b>ISL6612BCBZ</b><br/>Manufacturers: Intersil<br/>Description: IC DRIVER MOSFET SYNC BUCK 8SOIC<br/>In stock: 23848 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ISL6612AEIB-T</b><br/>Manufacturers: Intersil<br/>Description: IC MOSFET DRVR SYNC BUCK 8EP5OIC<br/>In stock: 5026 pcs</div> <div>RFQ</div>                           |
| <div><div>A Renesas Company</div></div> <div><b>ISL6612AIBZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC<br/>In stock: 57375 pcs</div> <div>RFQ</div> | <div></div> <div><b>ISL6612AIR-T</b><br/>Manufacturers: Intersil<br/>Description: IC MOSFET DRVR SYNC BUCK 10-DFN<br/>In stock: 5805 pcs</div> <div>RFQ</div>                             |
| <div></div> <div><b>ISL6612AEIBZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC MOSFET DRVR SYNC BUCK 8EP5OIC<br/>In stock: 4065 pcs</div> <div>RFQ</div>                            | <div><div>A Renesas Company</div></div> <div><b>ISL6612BCB</b><br/>Manufacturers: Intersil<br/>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC<br/>In stock: 4418 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>ISL6612AIRZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC MOSFET DRVR SYNC BUCK 10-DFN<br/>In stock: 4434 pcs</div> <div>RFQ</div>                              | <div></div> <div><b>ISL6612AEIBZ</b><br/>Manufacturers: Intersil<br/>Description: IC MOSFET DRVR SYNC BUCK 8EP5OIC<br/>In stock: 6991 pcs</div> <div>RFQ</div>                            |
| <div><div>A Renesas Company</div></div> <div><b>ISL6612BCB-T</b><br/>Manufacturers: Intersil<br/>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC<br/>In stock: 6349 pcs</div> <div>RFQ</div>   | <div></div> <div><b>ISL6612AIRZ</b><br/>Manufacturers: Intersil<br/>Description: IC MOSFET DRVR SYNC BUCK 10-DFN<br/>In stock: 3633 pcs</div> <div>RFQ</div>                              |
| <div></div> <div><b>ISL6612AEIB</b><br/>Manufacturers: Intersil<br/>Description: IC MOSFET DRVR SYNC BUCK 8EP5OIC<br/>In stock: 2949 pcs</div> <div>RFQ</div>                               | <div><div>A Renesas Company</div></div> <div><b>ISL6612AIBZ</b><br/>Manufacturers: Intersil<br/>Description: IC MOSFET DRVR SYNC BUCK 8-SOIC<br/>In stock: 46693 pcs</div> <div>RFQ</div> |