



ISL6527AIR

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | ISL6527AIR                                                                                                           |
| Manufacturer/Brand: | Intersil                                                                                                             |
| Product description | IC REG CTRLR BUCK 16QFN                                                                                              |
| Datasheets:         | <a href="#">PDF ISL6527AIR.pdf</a>                                                                                   |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

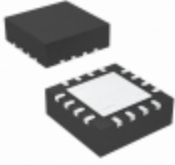
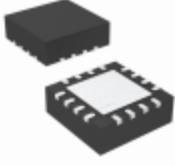
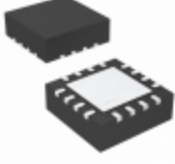
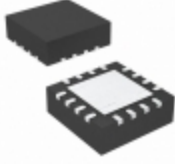
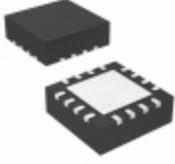
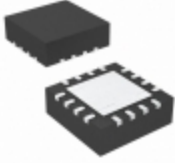
Specifications of ISL6527AIR

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| PART NUMBER                      | ISL6527AIR                                                                   |
| MANUFACTURER                     | Intersil                                                                     |
| DESCRIPTION                      | IC REG CTRLR BUCK 16QFN                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                           |
| DATA SHEET                       | <a href="#">PDF ISL6527AIR.pdf</a>                                           |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.97 V ~ 3.63 V                                                              |
| TOPOLOGY                         | Buck                                                                         |
| SYNCHRONOUS RECTIFIER            | Yes                                                                          |
| SUPPLIER DEVICE PACKAGE          | 16-QFN-EP (5x5)                                                              |
| SERIES                           | -                                                                            |
| SERIAL INTERFACES                | -                                                                            |
| PACKAGING                        | Tube                                                                         |
| PACKAGE / CASE                   | 16-VQFN Exposed Pad                                                          |
| OUTPUT TYPE                      | Transistor Driver                                                            |
| OUTPUT PHASES                    | 1                                                                            |
| OUTPUT CONFIGURATION             | Positive                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                            |
| NUMBER OF OUTPUTS                | 1                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                           |
| FUNCTION                         | Step-Down                                                                    |
| FREQUENCY - SWITCHING            | 600kHz                                                                       |
| DUTY CYCLE (MAX)                 | 100%                                                                         |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-QFN-EP (5x5) |
| CONTROL FEATURES                 | Enable, Phase Control                                                        |
| CLOCK SYNC                       | No                                                                           |
| BASE PART NUMBER                 | ISL6527A                                                                     |

Related Tags

|                          |                               |                         |
|--------------------------|-------------------------------|-------------------------|
| Intersil ISL6527AIR      | ISL6527AIR Distributor        | ISL6527AIR Supplier     |
| ISL6527AIR Price         | ISL6527AIR Pictures           | ISL6527AIR Image        |
| ISL6527AIR PDF Datasheet | ISL6527AIR Download Datasheet | ISL6527AIR Datasheet    |
| ISL6527AIR Stock         | Buy ISL6527AIR                | Buy Intersil ISL6527AIR |
| Intersil ISL6527AIR      | Intersil Supplier             | Intersil Distributor    |
| Intersil ISL6527AIR      |                               |                         |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>A Renesas Company</div></div> <div><b>ISL6527AEVAL2</b><br/>Manufacturers: Intersil<br/>Description: EVALUATION BOARD QFN ISL6527A<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>ISL6527AIRZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK 16QFN<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div><div>A Renesas Company</div></div> <div><b>ISL6527AEVAL1</b><br/>Manufacturers: Intersil<br/>Description: EVALUATION BOARD SOIC ISL6527A<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>ISL6527AIR-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK 16QFN<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>ISL6527AIB-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK 14SOIC<br/>In stock: Out stock</div> <div>RFQ</div>                                    | <div></div> <div><b>ISL6527ACRZ</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK 16QFN<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>ISL6527ACRZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK 16QFN<br/>In stock: Out stock</div> <div>RFQ</div>                                    | <div></div> <div><b>ISL6527AIRZ</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK 16QFN<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>ISL6527CB-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK 14SOIC<br/>In stock: Out stock</div> <div>RFQ</div>                                     | <div></div> <div><b>ISL6527CB</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK 14SOIC<br/>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div><b>ISL6527AIB</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK 14SOIC<br/>In stock: Out stock</div> <div>RFQ</div>                                      | <div></div> <div><b>ISL6527CR</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK 16QFN<br/>In stock: Out stock</div> <div>RFQ</div>     |