



Diodes Incorporated



AP2151AW-7

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AP2151AW-7                                                                                                   |
| Manufacturer/Brand: | Diodes Incorporated                                                                                          |
| Product description | IC USB SW HISIDE SGL 0.5A SOT25                                                                              |
| Datasheets:         |  AP2151AW-7.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 207808 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

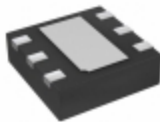
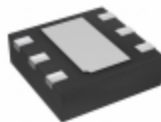
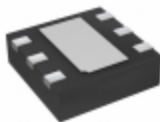
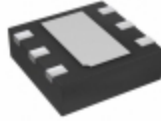
Specifications of AP2151AW-7

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AP2151AW-7                                                                                         |
| MANUFACTURER                     | Diodes Incorporated                                                                                |
| DESCRIPTION                      | IC USB SW HISIDE SGL 0.5A SOT25                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 207808 pcs                                                                                         |
| DATA SHEET                       |  AP2151AW-7.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                       |
| VOLTAGE - LOAD                   | 2.7 V ~ 5.5 V                                                                                      |
| SWITCH TYPE                      | USB Switch                                                                                         |
| SUPPLIER DEVICE PACKAGE          | SOT-25                                                                                             |
| SERIES                           | -                                                                                                  |
| RDS ON (TYP)                     | 95 mOhm                                                                                            |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                |
| PACKAGING                        | Cut Tape (CT)                                                                                      |
| PACKAGE / CASE                   | SC-74A, SOT-753                                                                                    |
| OUTPUT TYPE                      | P-Channel                                                                                          |
| OUTPUT CONFIGURATION             | High Side                                                                                          |
| OTHER NAMES                      | AP2151AW-7DICT                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                  |
| NUMBER OF OUTPUTS                | 1                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| INTERFACE                        | On/Off                                                                                             |
| INPUT TYPE                       | Non-Inverting                                                                                      |
| FEATURES                         | Status Flag                                                                                        |
| FAULT PROTECTION                 | Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO                                  |
| CURRENT - OUTPUT (MAX)           | 500mA                                                                                              |

Related Tags

|                                                       |                               |                                    |
|-------------------------------------------------------|-------------------------------|------------------------------------|
| Diodes Incorporated AP2151AW-7                        | AP2151AW-7 Distributor        | AP2151AW-7 Supplier                |
| AP2151AW-7 Price                                      | AP2151AW-7 Pictures           | AP2151AW-7 Image                   |
| AP2151AW-7 PDF Datasheet                              | AP2151AW-7 Download Datasheet | AP2151AW-7 Datasheet               |
| AP2151AW-7 Stock                                      | Buy AP2151AW-7                | Buy Diodes Incorporated AP2151AW-7 |
| Diodes Incorporated AP2151AW-7                        | Diodes Incorporated Supplier  | Diodes Incorporated Distributor    |
| Diodes Incorporated AP2151AW-7                        | Diodes Inc AP2151AW-7         | Pericom Semiconductor AP2151AW-7   |
| Zetex Semiconductors (Diodes Incorporated) AP2151AW-7 |                               |                                    |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>AP2151DWG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB SOT25<br/>In stock: 714032 pcs</div> <div>RFQ</div>               | <div></div> <div><b>AP2151AS-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: USB POWER SWITCH 8-SO<br/>In stock: 577392 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>AP2151AMP-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: USB POWER SWITCH 8MSOP<br/>In stock: 503753 pcs</div> <div>RFQ</div>           | <div></div> <div><b>AP2151AFM-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: USB POWER SWITCH U-DFN2018-6<br/>In stock: 462078 pcs</div> <div>RFQ</div>   |
| <div></div> <div><b>AP2146SG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC USB PWR SWITCH .5A DUAL 8SOP<br/>In stock: 120488 pcs</div> <div>RFQ</div>   | <div></div> <div><b>AP2151DMPG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 8MSOP<br/>In stock: 447239 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>AP2151DFMG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB X1-DFN2018-6<br/>In stock: 168630 pcs</div> <div>RFQ</div>       | <div></div> <div><b>AP2151FMG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 1CH 0.5A HI 6DFN<br/>In stock: 520228 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>AP2146MPG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC USB PWR SWITCH .5A DUAL 8MSOP<br/>In stock: 218157 pcs</div> <div>RFQ</div> | <div></div> <div><b>AP2151DM8G-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC POWER DIST USB 8MSOP<br/>In stock: 5580 pcs</div> <div>RFQ</div>        |
| <div></div> <div><b>AP21510FM-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC USB PWR SWITCH 6UDFN<br/>In stock: 255685 pcs</div> <div>RFQ</div>           | <div></div> <div><b>AP2151DSG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 8-SO<br/>In stock: 439547 pcs</div> <div>RFQ</div>            |