



Diodes Incorporated



Image may be representation. See specifications for product details.

AP2181WG-7

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AP2181WG-7                                                                                                   |
| Manufacturer/Brand: | Diodes Incorporated                                                                                          |
| Product description | IC PWR SW USB 1CH 1.5A HI SOT25                                                                              |
| Datasheets:         |  AP2181WG-7.pdf             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 208680 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

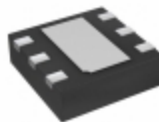
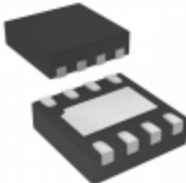
Specifications of AP2181WG-7

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AP2181WG-7                                                                                         |
| MANUFACTURER                     | Diodes Incorporated                                                                                |
| DESCRIPTION                      | IC PWR SW USB 1CH 1.5A HI SOT25                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                         |
| QUANTITY AVAILABLE               | 208680 pcs                                                                                         |
| DATA SHEET                       |  AP2181WG-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                      | 1034-AP2181WG-7DICT                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                  |
| NUMBER OF OUTPUTS                | 1                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                      |
| 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)           | 1.5A                                                                                               |

Related Tags

|                                                       |                               |                                    |
|-------------------------------------------------------|-------------------------------|------------------------------------|
| Diodes Incorporated AP2181WG-7                        | AP2181WG-7 Distributor        | AP2181WG-7 Supplier                |
| AP2181WG-7 Price                                      | AP2181WG-7 Pictures           | AP2181WG-7 Image                   |
| AP2181WG-7 PDF Datasheet                              | AP2181WG-7 Download Datasheet | AP2181WG-7 Datasheet               |
| AP2181WG-7 Stock                                      | Buy AP2181WG-7                | Buy Diodes Incorporated AP2181WG-7 |
| Diodes Incorporated AP2181WG-7                        | Diodes Incorporated Supplier  | Diodes Incorporated Distributor    |
| Diodes Incorporated AP2181WG-7                        | Diodes Inc AP2181WG-7         | Pericom Semiconductor AP2181WG-7   |
| Zetex Semiconductors (Diodes Incorporated) AP2181WG-7 |                               |                                    |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                              |
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| <div></div> <div>AP2182AMPG-13</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC PWR SW USB 2CH 1.5A 8-MSOP</div> <div>In stock: 279605 pcs</div> <div>RFQ</div>    | <div></div> <div>AP2181DSG-13</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC PWR SW USB 8-SO</div> <div>In stock: 395470 pcs</div> <div>RFQ</div>               |
| <div></div> <div>AP2181DMPG-13</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC PWR SW USB 8MSOP</div> <div>In stock: 321467 pcs</div> <div>RFQ</div>              | <div></div> <div>AP2181DWG-7</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC PWR SW USB SOT25</div> <div>In stock: 373909 pcs</div> <div>RFQ</div>               |
| <div></div> <div>AP2186MPG-13</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC USB PWR SWITCH 1.5A DUAL 8MSOP</div> <div>In stock: 120125 pcs</div> <div>RFQ</div> | <div></div> <div>AP2181SG-13</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC PWR SW USB 1CH 1.5A 8-SOIC</div> <div>In stock: 260909 pcs</div> <div>RFQ</div>     |
| <div></div> <div>AP2181FMG-7</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC PWR SW USB 1CH 1.5A HI 6DFN</div> <div>In stock: 494336 pcs</div> <div>RFQ</div>     | <div></div> <div>AP2182MPG-13</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC PWR SW USB 2CH 1.5A 8-MSOP</div> <div>In stock: 145169 pcs</div> <div>RFQ</div>    |
| <div></div> <div>AP2182ASG-13</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC PWR SW USB 2CH 1.5A 8-SOIC</div> <div>In stock: 305653 pcs</div> <div>RFQ</div>     | <div></div> <div>AP2181MPG-13</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC PWR SWITCH 1CH USB 1.5A 8MSOP</div> <div>In stock: 303974 pcs</div> <div>RFQ</div> |
| <div></div> <div>AP2182AFGEG-7</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC PWR SW USB 2CH 1.5A 8-DFN</div> <div>In stock: 264732 pcs</div> <div>RFQ</div>     | <div></div> <div>AP2182SG-13</div> <div>Manufacturers: Diodes Incorporated</div> <div>Description: IC PWR SW USB 2CH 1.5A 8-SOIC</div> <div>In stock: 153460 pcs</div> <div>RFQ</div>     |