



Diodes Incorporated



Image may be representation. See specifications for product details.

AP2181MPG-13

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | AP2181MPG-13                                                                                                 |
| Manufacturer/Brand: | Diodes Incorporated                                                                                          |
| Product description | IC PWR SWITCH 1CH USB 1.5A 8MSOP                                                                             |
| Datasheets:         |  AP2181MPG-13.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 303974 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

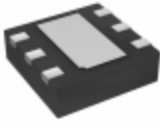
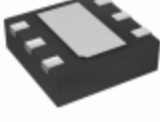
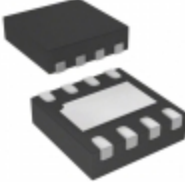
Specifications of AP2181MPG-13

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AP2181MPG-13                                                                                         |
| MANUFACTURER                     | Diodes Incorporated                                                                                  |
| DESCRIPTION                      | IC PWR SWITCH 1CH USB 1.5A 8MSOP                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| QUANTITY AVAILABLE               | 303974 pcs                                                                                           |
| DATA SHEET                       |  AP2181MPG-13.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                         |
| VOLTAGE - LOAD                   | 2.7 V ~ 5.5 V                                                                                        |
| SWITCH TYPE                      | USB Switch                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 8-MSOP-EP                                                                                            |
| SERIES                           | -                                                                                                    |
| RDS ON (TYP)                     | 95 mOhm                                                                                              |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                  |
| PACKAGING                        | Tape & Reel (TR)                                                                                     |
| PACKAGE / CASE                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Exposed Pad                                                   |
| OUTPUT TYPE                      | P-Channel                                                                                            |
| OUTPUT CONFIGURATION             | High Side                                                                                            |
| OTHER NAMES                      | AP2181MPG-13DITR<br>AP2181MPG13<br>AP2181MPGDITR<br>AP2181MPGDITR-ND                                 |
| 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                                                                                                 |
| BASE PART NUMBER                 | AP2181                                                                                               |

Related Tags

|                                                         |                                 |                                      |
|---------------------------------------------------------|---------------------------------|--------------------------------------|
| Diodes Incorporated AP2181MPG-13                        | AP2181MPG-13 Distributor        | AP2181MPG-13 Supplier                |
| AP2181MPG-13 Price                                      | AP2181MPG-13 Pictures           | AP2181MPG-13 Image                   |
| AP2181MPG-13 PDF Datasheet                              | AP2181MPG-13 Download Datasheet | AP2181MPG-13 Datasheet               |
| AP2181MPG-13 Stock                                      | Buy AP2181MPG-13                | Buy Diodes Incorporated AP2181MPG-13 |
| Diodes Incorporated AP2181MPG-13                        | Diodes Incorporated Supplier    | Diodes Incorporated Distributor      |
| Diodes Incorporated AP2181MPG-13                        | Diodes Inc AP2181MPG-13         | Pericom Semiconductor AP2181MPG-13   |
| Zetex Semiconductors (Diodes Incorporated) AP2181MPG-13 |                                 |                                      |

Related Products

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| <div></div> <div><b>AP2182AMPG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 2CH 1.5A 8-MSOP<br/>In stock: 279605 pcs</div> <div>RFQ</div> | <div></div> <div><b>AP2181DFMG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB X1-DFN2018-6<br/>In stock: 122011 pcs</div> <div>RFQ</div>    |
| <div></div> <div><b>AP2181DM8G-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 8MSOP<br/>In stock: 120570 pcs</div> <div>RFQ</div>           | <div></div> <div><b>AP2182ASG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 2CH 1.5A 8-SOIC<br/>In stock: 305653 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>AP2181SG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 1CH 1.5A 8-SOIC<br/>In stock: 260909 pcs</div> <div>RFQ</div>   | <div></div> <div><b>AP2181FMG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 1CH 1.5A HI 6DFN<br/>In stock: 494336 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>AP2182MPG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 2CH 1.5A 8-MSOP<br/>In stock: 145169 pcs</div> <div>RFQ</div>  | <div></div> <div><b>AP2181DMPG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 8MSOP<br/>In stock: 321467 pcs</div> <div>RFQ</div>          |
| <div></div> <div><b>AP2181DWG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB SOT25<br/>In stock: 373909 pcs</div> <div>RFQ</div>             | <div></div> <div><b>AP2181DSG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 8-SO<br/>In stock: 395470 pcs</div> <div>RFQ</div>            |
| <div></div> <div><b>AP2182AFGEG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 2CH 1.5A 8-DFN<br/>In stock: 264732 pcs</div> <div>RFQ</div>  | <div></div> <div><b>AP2181WG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 1CH 1.5A HI SOT25<br/>In stock: 208680 pcs</div> <div>RFQ</div> |