

**Diodes Incorporated**

Image may be representation. See specifications for product details.

# AP2820GM-G1

Part Number:

AP2820GM-G1

Manufacturer/Brand:

Diodes Incorporated

### Product description

IC: USB POWER SWITCH 8SOIC

Datasheets:

AP2820GM-G1.pdf

RoHS Status

✓ Lead free / RoHS Compliant

### Stock Condition

2819 pcs stock

Ship From

Hong Kong

Shipment Way

DHL/Fedex/TNT/UPS/EMS

## REQUEST FOR QUOTATION

## Specifications of AP2820GM-G1

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AP2820GM-G1                                                                                                         |
| MANUFACTURER                     | Diodes Incorporated                                                                                                 |
| DESCRIPTION                      | IC USB POWER SWITCH 8SOIC                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 2819 pcs                                                                                                            |
| DATA SHEET                       |  <a href="#">AP2820GM-G1.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                                        |
| VOLTAGE - LOAD                   | 2.7 V ~ 5.5 V                                                                                                       |
| SWITCH TYPE                      | USB Switch                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                              |
| SERIES                           | -                                                                                                                   |
| RDS ON (TYP)                     | 60 mOhm                                                                                                             |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                                 |
| PACKAGING                        | Tube                                                                                                                |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                                       |
| OUTPUT TYPE                      | N-Channel                                                                                                           |
| OUTPUT CONFIGURATION             | High Side                                                                                                           |
| 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)           | 2.5A                                                                                                                |

## Related Tags

|                                                        |                                |                                     |
|--------------------------------------------------------|--------------------------------|-------------------------------------|
| Diodes Incorporated AP2820GM-G1                        | AP2820GM-G1 Distributor        | AP2820GM-G1 Supplier                |
| AP2820GM-G1 Price                                      | AP2820GM-G1 Pictures           | AP2820GM-G1 Image                   |
| AP2820GM-G1 PDF Datasheet                              | AP2820GM-G1 Download Datasheet | AP2820GM-G1 Datasheet               |
| AP2820GM-G1 Stock                                      | Buy AP2820GM-G1                | Buy Diodes Incorporated AP2820GM-G1 |
| Diodes Incorporated AP2820GM-G1                        | Diodes Incorporated Supplier   | Diodes Incorporated Distributor     |
| Diodes Incorporated AP2820GM-G1                        | Diodes Inc AP2820GM-G1         | Pericom Semiconductor AP2820GM-G1   |
| Zetex Semiconductors (Diodes Incorporated) AP2820GM-G1 |                                |                                     |

## Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>AP2820EMTR-G1</b></p> <p>Manufacturers: Diodes Incorporated<br/>Description: IC USB POWER SWITCH 8SOIC<br/>In stock: 5618 pcs</p> <p><a href="#">RFQ</a></p>  |  <p><b>AP2820GMM-G1</b></p> <p>Manufacturers: Diodes Incorporated<br/>Description: IC USB POWER SWITCH 8MSOP<br/>In stock: 4768 pcs</p> <p><a href="#">RFQ</a></p>   |
|  <p><b>AP2820HM-G1</b></p> <p>Manufacturers: Diodes Incorporated<br/>Description: IC USB POWER SWITCH 8SOIC<br/>In stock: 6350 pcs</p> <p><a href="#">RFQ</a></p>    |  <p><b>AP2820GMMTR-G1</b></p> <p>Manufacturers: Diodes Incorporated<br/>Description: IC USB POWER SWITCH 8MSOP<br/>In stock: 3512 pcs</p> <p><a href="#">RFQ</a></p> |
|  <p><b>AP2820HMMTR-G1</b></p> <p>Manufacturers: Diodes Incorporated<br/>Description: IC USB POWER SWITCH 8MSOP<br/>In stock: 3837 pcs</p> <p><a href="#">RFQ</a></p> |  <p><b>AP2820FMMTR-G1</b></p> <p>Manufacturers: Diodes Incorporated<br/>Description: IC USB POWER SWITCH 8MSOP<br/>In stock: 5533 pcs</p> <p><a href="#">RFQ</a></p> |
|  <p><b>AP2820FM-G1</b></p> <p>Manufacturers: Diodes Incorporated<br/>Description: IC USB POWER SWITCH 8SOIC<br/>In stock: 3817 pcs</p> <p><a href="#">RFQ</a></p>    |  <p><b>AP2820EMMTR-G1-01</b></p> <p>Manufacturers: Diodes Incorporated<br/>Description: IC USB POWER SWITCH<br/>In stock: 3843 pcs</p> <p><a href="#">RFQ</a></p>    |
|  <p><b>AP2820FMTR-G1</b></p> <p>Manufacturers: Diodes Incorporated<br/>Description: IC USB POWER SWITCH 8SOIC<br/>In stock: 3653 pcs</p> <p><a href="#">RFQ</a></p>  |  <p><b>AP2820FMM-G1</b></p> <p>Manufacturers: Diodes Incorporated<br/>Description: IC USB POWER SWITCH 8MSOP<br/>In stock: 5808 pcs</p> <p><a href="#">RFQ</a></p>   |
|  <p><b>AP2820GMTR-G1</b></p> <p>Manufacturers: Diodes Incorporated<br/>Description: IC USB POWER SWITCH 8SOIC<br/>In stock: 4523 pcs</p> <p><a href="#">RFQ</a></p>  |  <p><b>AP2820HMM-G1</b></p> <p>Manufacturers: Diodes Incorporated<br/>Description: IC USB POWER SWITCH 8MSOP<br/>In stock: 2918 pcs</p> <p><a href="#">RFQ</a></p>   |