



PERICOM SEMICONDUCTOR

Diodes Incorporated

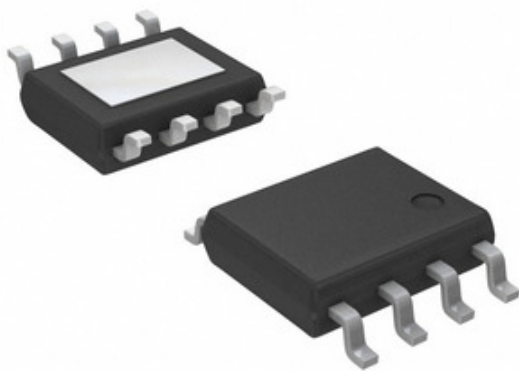


Image may be representation. See specifications for product details.

AP7176BSP-13

|                     |                                                                                                                    |
|---------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number:        | AP7176BSP-13                                                                                                       |
| Manufacturer/Brand: | Diodes Incorporated                                                                                                |
| Product description | IC REG LINEAR POS ADJ 3A 8SO                                                                                       |
| Datasheets:         |  <a href="#">AP7176BSP-13.pdf</a> |
| RoHS Status         |  Lead free / RoHS Compliant       |
| Ship From           | Hong Kong                                                                                                          |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                              |

REQUEST FOR QUOTATION

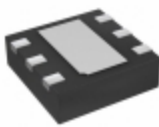
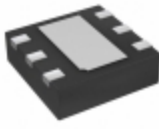
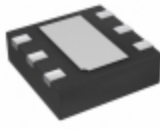
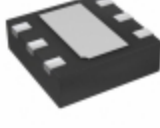
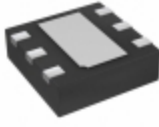
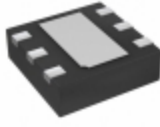
Specifications of AP7176BSP-13

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | AP7176BSP-13                                                                                                         |
| MANUFACTURER                     | Diodes Incorporated                                                                                                  |
| DESCRIPTION                      | IC REG LINEAR POS ADJ 3A 8SO                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                       |  <a href="#">AP7176BSP-13.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.53V @ 3A                                                                                                           |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.8V                                                                                                                 |
| VOLTAGE - OUTPUT (MAX)           | 3.12V                                                                                                                |
| VOLTAGE - INPUT (MAX)            | 3.65V                                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 8-SO-EP                                                                                                              |
| SERIES                           | -                                                                                                                    |
| PROTECTION FEATURES              | Over Current, Over Temperature, Power On Reset (POR), Short Circuit, Soft Start                                      |
| PACKAGING                        | Cut Tape (CT)                                                                                                        |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                                                                            |
| PSRR                             | -                                                                                                                    |
| OUTPUT TYPE                      | Adjustable                                                                                                           |
| OUTPUT CONFIGURATION             | Positive                                                                                                             |
| OTHER NAMES                      | AP7176BSP-13DICT                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                         |
| NUMBER OF REGULATORS             | 1                                                                                                                    |
| MOUNTING TYPE                    | Surface Mount                                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                        |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Adjustable 1 Output 0.8 V ~ 5.17 V 3A 8-SO-EP                                   |
| CURRENT - QUIESCENT (IQ)         | 1.5mA                                                                                                                |
| CURRENT - OUTPUT                 | 3A                                                                                                                   |
| CONTROL FEATURES                 | Enable, Power Good                                                                                                   |
| BASE PART NUMBER                 | AP7176                                                                                                               |

Related Tags

|                                                         |                                 |                                      |
|---------------------------------------------------------|---------------------------------|--------------------------------------|
| Diodes Incorporated AP7176BSP-13                        | AP7176BSP-13 Distributor        | AP7176BSP-13 Supplier                |
| AP7176BSP-13 Price                                      | AP7176BSP-13 Pictures           | AP7176BSP-13 Image                   |
| AP7176BSP-13 PDF Datasheet                              | AP7176BSP-13 Download Datasheet | AP7176BSP-13 Datasheet               |
| AP7176BSP-13 Stock                                      | Buy AP7176BSP-13                | Buy Diodes Incorporated AP7176BSP-13 |
| Diodes Incorporated AP7176BSP-13                        | Diodes Incorporated Supplier    | Diodes Incorporated Distributor      |
| Diodes Incorporated AP7176BSP-13                        | Diodes Inc AP7176BSP-13         | Pericom Semiconductor AP7176BSP-13   |
| Zetex Semiconductors (Diodes Incorporated) AP7176BSP-13 |                                 |                                      |

Related Products

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| <div></div> <div><b>AP7201-1230FMG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG LINEAR 1.2V/3V 6DFN2018<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>AP7176BMP-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG LINEAR POS ADJ 3A 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
| <div></div> <div><b>AP7175SP-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG LINEAR POS ADJ 3A 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div>          | <div></div> <div><b>AP7175MP-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG LINEAR POS ADJ 3A 8MSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>        |
| <div></div> <div><b>AP7201-1012FMG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG LINEAR 1V/1.2V 6DFN2018<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>AP7201-1010FMG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG LINEAR 1V/1V 6DFN2018<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>AP7173-SPG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG LINEAR POS ADJ 1.5A 8SO<br/>In stock: Out stock<br/><div>RFQ</div></div>      | <div></div> <div><b>AP7176BFN-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG LINEAR POS ADJ 3A 10UDFN<br/>In stock: Out stock<br/><div>RFQ</div></div>       |
| <div></div> <div><b>AP7173-SPG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG LDO ADJ 1.5A 8SOP<br/>In stock: Out stock<br/><div>RFQ</div></div>            | <div></div> <div><b>AP7201-1818FMG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG LINEAR 1.8V/1.8V 6DFN2018<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>AP7201-1233FMG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG LINEAR 1.2V/3.3V 6DFN2018<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>AP7201-1011FMG-7</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC REG LINEAR 1V/1.1V 6DFN2018<br/>In stock: Out stock<br/><div>RFQ</div></div>   |