

AP1603WG-7



Part Number: [AP1603WG-7](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC REG BST ADJ/PROG 0.2A SOT-26

Data sheet:  [AP1603](#)

RoHs Status: Lead free / RoHS Compliant

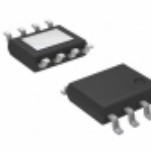
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                |                                  |                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                     | AP1603WG-7                                                                                                     | Manufacturer                     | <a href="#">Diodes Incorporated</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC REG BST ADJ/PROG 0.2A SOT-26                                                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                              | 229251 pcs                                                                                                     | Data sheet                       | <a href="#">AP1603</a>              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                                                                      | Voltage - Output (Min/Fixed)     | 2V (3.3V, 5V)                       |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5.8V (Switch)                                                                                                  | Voltage - Input (Min)            | 1.1V                                |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                           | 5.5V                                                                                                           | Topology                         | Boost                               |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                           | No                                                                                                             | Supplier Device Package          | SOT-26                              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                                                              | Packaging                        | Original-Reel®                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SOT-23-6                                                                                                       | Output Type                      | Adjustable (Programmable)           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                            | Positive                                                                                                       | Other Names                      | AP1603WG-7DIDKR                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 85°C (TA)                                                                                              | Number of Outputs                | 1                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface Mount                                                                                                  | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                 | 12 Weeks                                                                                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant          |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Step-Up                                                                                                        | Frequency - Switching            | 150kHz                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                            | Boost Switching Regulator IC Positive Adjustable (Programmable) 2V (3.3V, 5V) 1 Output 200mA (Switch) SOT-23-6 | Current - Output                 | 200mA (Switch)                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Diodes Incorporated series electronic components. We have 229251 pieces of Diodes Incorporated AP1603WG-7 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                                                |                                  |                                     |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                      |     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------|-----|
|  | Part#: <a href="#">AP1602BYL-7</a><br>Description: IC REG BOOST 3.3V 0.8A SOT89-5L    | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP15HV</a><br>Description: CAP TRIMMER 1-16PF 1000V TH             | Manufacturers: <a href="#">Knowles Voltronics</a>    | RFQ |
|  | Part#: <a href="#">AP1609SG-13</a><br>Description: IC REG BOOST ADJ 2.4A 8SOIC        | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1601M8G-13</a><br>Description: IC REG BOOST ADJ 1.5A 8MSOP       | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1539SDPG-13</a><br>Description: IC REG BUCK ADJ 4A 8SOIC         | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1605SG-13</a><br>Description: IC REG BUCK ADJ 3A 8SO             | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1609SL-13</a><br>Description: IC REG BOOST ADJ 2.4A 8SO          | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1612</a><br>Description: STEEL INNER PANEL                       | Manufacturers: <a href="#">Hammond Manufacturing</a> | RFQ |
|  | Part#: <a href="#">AP1608SF4C</a><br>Description: EMITTER IR 880NM 50MA 1608          | Manufacturers: <a href="#">Kingbright</a>            | RFQ |
|  | Part#: <a href="#">AP1604AWG-7</a><br>Description: IC REG BUCK ADJ 0.8A SOT25         | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1604AWL-7</a><br>Description: IC REG BUCK ADJ 0.8A SOT25         | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1603WL-7</a><br>Description: IC REG BOOST ADJ/PROG 0.2A SOT26    | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1608P1C-P22</a><br>Description: 1.6X0.8MM PHOTOTRANSISTOR SMD LE | Manufacturers: <a href="#">Kingbright</a>            | RFQ |
|  | Part#: <a href="#">AP1538SDPG-13</a><br>Description: IC REG BUCK ADJ 3A 8SOIC         | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1602AYL-7</a><br>Description: IC REG BOOST 3.3V 0.8A SOT89-5L    | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1551SL-13</a><br>Description: IC REG BUCK ADJ 2A DL 16SOIC       | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1605SL-13</a><br>Description: IC REG BUCK ADJ 3A 8SOIC           | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1601M10G-13</a><br>Description: IC REG BOOST ADJ 1.5A 10MSOP     | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP1538SG-13</a><br>Description: IC REG BUCK ADJ 3A 8SOIC           | Manufacturers: <a href="#">Diodes Incorporated</a>   | RFQ |
|  | Part#: <a href="#">AP15SD</a><br>Description: CAP TRIMMER 1.0-16.0PF 250V HZT         | Manufacturers: <a href="#">Knowles Voltronics</a>    | RFQ |

Related keywords for **AP1603WG-7**

|                                |                        |                                  |                                            |
|--------------------------------|------------------------|----------------------------------|--------------------------------------------|
| Diodes Incorporated AP1603WG-7 | AP1603WG-7 distributor | AP1603WG-7 supplier              | AP1603WG-7 price                           |
| AP1603WG-7 download datasheet  | AP1603WG-7 datasheet   | AP1603WG-7 stock                 | buy AP1603WG-7                             |
| Diodes Incorporated AP1603WG-7 | Diodes Inc AP1603WG-7  | Pericom Semiconductor AP1603WG-7 | Zetex Semiconductors (Diodes Incorporated) |
| AP1603WG-7                     |                        |                                  |                                            |

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