

S-816A52AMC-BBBT2G



SII

SII Semiconductor Corporation

Part Number:

S-816A52AMC-BBBT2G

Manufacturer:

SII Semiconductor Corporation

Description:

IC REG LINEAR 5.2V 1A SOT23-5

Data sheet:

 [S-816 Series](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

Shipment Way:

DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                      |                                |                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------|-----------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | S-816A52AMC-BBBT2G                                                   | Manufacturer                   | <a href="#">SII Semiconductor Corporation</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC REG LINEAR 5.2V 1A SOT23-5                                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 163880 pcs                                                           | Data sheet                     | <a href="#">S-816 Series</a>                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage Dropout (Max)          | 0.1V @ 100mA (Typ)                            |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 5.2V                                                                 | Voltage - Output (Max)         | -                                             |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16V                                                                  | Supplier Device Package        | SOT-23-5                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | S-816                                                                | Protection Features            | Over Current                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Tape & Reel (TR)                                                     | Package / Case                 | SC-74A, SOT-753                               |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -                                                                    | Output Type                    | Fixed                                         |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Positive                                                             | Operating Temperature          | -40°C ~ 85°C (TA)                             |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                                    | Mounting Type                  | Surface Mount                                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1 (Unlimited)                                                        | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Linear Voltage Regulator IC Positive Fixed 1 Output 5.2V 1A SOT-23-5 | Current - Supply (Max)         | 40µA                                          |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1µA                                                                  | Current - Output               | 1A                                            |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Enable                                                               |                                |                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all SII Semiconductor Corporation series electronic components. We have 163880 pieces of SII Semiconductor Corporation S-816A52AMC-BBBT2G 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="#">S-816A52AMC-BBBT2U</a><br>Description: IC REG LINEAR 5.2V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A54AMC-BBDT2U</a><br>Description: IC REG LINEAR 5.4V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A57AMC-BBGT2G</a><br>Description: IC REG LINEAR 5.7V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A53AMC-BBCT2G</a><br>Description: IC REG LINEAR 5.3V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A48AMC-BAXT2U</a><br>Description: IC REG LINEAR 4.8V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A47AMC-BAWT2U</a><br>Description: IC REG LINEAR 4.7V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A50AMC-BAZT2U</a><br>Description: IC REG LINEAR 5V 1A SOT23-5   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A55AMC-BBET2U</a><br>Description: IC REG LINEAR 5.5V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A55AMC-BBET2G</a><br>Description: IC REG LINEAR 5.5V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A49AMC-BAYT2U</a><br>Description: IC REG LINEAR 4.9V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A54AMC-BBDT2G</a><br>Description: IC REG LINEAR 5.4V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A50AMC-BAZT2G</a><br>Description: IC REG LINEAR 5V 1A SOT23-5   | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A49AMC-BAYT2G</a><br>Description: IC REG LINEAR 4.9V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S-816A51AMC-BBAT2U</a><br>Description: IC REG LINEAR 5.1V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">S-816A51AMC-BBAT2G</a><br>Description: IC REG LINEAR 5.1V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A56AMC-BBFT2U</a><br>Description: IC REG LINEAR 5.6V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A48AMC-BAXT2G</a><br>Description: IC REG LINEAR 4.8V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S-816A56AMC-BBFT2G</a><br>Description: IC REG LINEAR 5.6V 1A SOT23-5 | Manufacturers: <a href="#">SII Semiconductor Corporation</a> | <div>RFQ</div> |

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