

## S-816A42AMC-BART2U



**SII** SII Semiconductor Corporation

**Part Number:** [S-816A42AMC-BART2U](#)  
**Manufacturer:** [SII Semiconductor Corporation](#)  
**Description:** IC REG LINEAR 4.2V 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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 See Product Specifications for product details.  
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### PRODUCT PARAMETER

<b>Part Number</b>	S-816A42AMC-BART2U	<b>Manufacturer</b>	<a href="#">SII Semiconductor Corporation</a>
<b>Description</b>	IC REG LINEAR 4.2V 1A SOT23-5	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	150654 pcs	<b>Data sheet</b>	<a href="#">S-816 Series</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage Dropout (Max)</b>	0.1V @ 100mA (Typ)
<b>Voltage - Output (Min/Fixed)</b>	4.2V	<b>Voltage - Output (Max)</b>	-
<b>Voltage - Input (Max)</b>	16V	<b>Supplier Device Package</b>	SOT-23-5
<b>Series</b>	S-816	<b>Protection Features</b>	Over Current
<b>Packaging</b>	Tape & Reel (TR)	<b>Package / Case</b>	SC-74A, SOT-753
<b>PSRR</b>	-	<b>Output Type</b>	Fixed
<b>Output Configuration</b>	Positive	<b>Operating Temperature</b>	-40°C ~ 85°C (TA)
<b>Number of Regulators</b>	1	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Manufacturer Standard Lead Time</b>	20 Weeks
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Detailed Description</b>	Linear Voltage Regulator IC Positive Fixed 1 Output 4.2V 1A SOT-23-5
<b>Current - Supply (Max)</b>	40µA	<b>Current - Quiescent (Iq)</b>	1µA
<b>Current - Output</b>	1A	<b>Control Features</b>	Enable

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### RELATED PRODUCTS

	<b>Part#:</b> <a href="#">S-816A39AMC-BAOT2G</a> <b>Description:</b> IC REG LINEAR 3.9V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A47AMC-BAWT2U</a> <b>Description:</b> IC REG LINEAR 4.7V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A45AMC-BAUT2U</a> <b>Description:</b> IC REG LINEAR 4.5V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A38AMC-BANT2U</a> <b>Description:</b> IC REG LINEAR 3.8V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A41AMC-BAQT2G</a> <b>Description:</b> IC REG LINEAR 4.1V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A47AMC-BAWT2G</a> <b>Description:</b> IC REG LINEAR 4.7V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A43AMC-BAST2U</a> <b>Description:</b> IC REG LINEAR 4.3V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A46AMC-BAVT2U</a> <b>Description:</b> IC REG LINEAR 4.6V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A45AMC-BAUT2G</a> <b>Description:</b> IC REG LINEAR 4.5V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A41AMC-BAQT2U</a> <b>Description:</b> IC REG LINEAR 4.1V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A38AMC-BANT2G</a> <b>Description:</b> IC REG LINEAR 3.8V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A40AMC-BAPT2U</a> <b>Description:</b> IC REG LINEAR 4V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A39AMC-BAOT2U</a> <b>Description:</b> IC REG LINEAR 3.9V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A44AMC-BATT2U</a> <b>Description:</b> IC REG LINEAR 4.4V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A43AMC-BAST2G</a> <b>Description:</b> IC REG LINEAR 4.3V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A44AMC-BATT2G</a> <b>Description:</b> IC REG LINEAR 4.4V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A42AMC-BART2G</a> <b>Description:</b> IC REG LINEAR 4.2V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A37AMC-BAMT2U</a> <b>Description:</b> IC REG LINEAR 3.7V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A40AMC-BAPT2G</a> <b>Description:</b> IC REG LINEAR 4V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">S-816A46AMC-BAVT2G</a> <b>Description:</b> IC REG LINEAR 4.6V 1A SOT23-5	<b>Manufacturers:</b> <a href="#">SII Semiconductor Corporation</a>	<a href="#">RFQ</a>

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