

S-1172B42-E6T1G



SII Semiconductor Corporation

Part Number: [S-1172B42-E6T1G](#)

Manufacturer: [SII Semiconductor Corporation](#)

Description: IC REG LINEAR 4.2V 1A 6HSOP

Data sheet:  [S-1172 Series](#)

RoHs Status: Lead free / RoHS Compliant

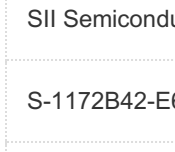
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PRODUCT PARAMETER			
Part Number	S-1172B42-E6T1G	Manufacturer	SII Semiconductor Corporation
Description	IC REG LINEAR 4.2V 1A 6HSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	114713 pcs	Data sheet	S-1172 Series
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.1V @ 300mA
Voltage - Output (Min/Fixed)	4.2V	Voltage - Output (Max)	-
Voltage - Input (Max)	5.5V	Supplier Device Package	6-HSOP
Series	S-1172	Protection Features	Over Current, Thermal Shutdown
Packaging	Tape & Reel (TR)	Package / Case	6-SOIC Variation (0.154", 3.9mm Width), 4 Leads + 2 Fins
PSRR	60dB (1kHz)	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 4.2V 1A 6-HSOP	Current - Supply (Max)	90µA
Current - Quiescent (Iq)	1µA	Current - Output	1A
Control Features	Enable		
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RELATED PRODUCTS			
	Part#: S-1172B43-E6T1U Description: IC REG LINEAR 4.3V 1A 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1172B43-U5T1U Description: IC REG LINEAR 4.3V 1A SOT89-5	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1172B40-E6T1G Description: IC REG LINEAR 4V 1A 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1172B40-U5T1U Description: IC REG LINEAR 4V 1A SOT89-5	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1172B42-E6T1U Description: IC REG LINEAR 4.2V 1A 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1172B41-U5T1G Description: IC REG LINEAR 4.1V 1A SOT89-5	Manufacturers: SII Semiconductor Corporation	RFQ
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	Part#: S-1172B44-U5T1G Description: IC REG LINEAR 4.4V 1A SOT89-5	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1172B44-E6T1U Description: IC REG LINEAR 4.4V 1A 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
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	Part#: S-1172B42-U5T1U Description: IC REG LINEAR 4.2V 1A SOT89-5	Manufacturers: SII Semiconductor Corporation	RFQ
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	Part#: S-1172B43-E6T1G Description: IC REG LINEAR 4.3V 1A 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
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