

S-1142B42I-E6T1U



SIISII Semiconductor Corporation

Part Number: [S-1142B42I-E6T1U](#)

Manufacturer: [SII Semiconductor Corporation](#)

Description: IC REG LINEAR 4.2V 200MA 6HSOP

Data sheet:  [S-1142 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-1142B42I-E6T1U	Manufacturer	SII Semiconductor Corporation
Description	IC REG LINEAR 4.2V 200MA 6HSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	102647 pcs	Data sheet	S-1142 Series
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.55V @ 200mA
Voltage - Output (Min/Fixed)	4.2V	Voltage - Output (Max)	-
Voltage - Input (Max)	50V	Supplier Device Package	6-HSOP
Series	S-1142A/B	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	40dB (100Hz)	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)	Manufacturer Standard Lead Time	20 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 4.2V 200mA 6-HSOP
Current - Supply (Max)	9µA	Current - Quiescent (Iq)	1µA
Current - Output	200mA	Control Features	Enable
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RELATED PRODUCTS			
	Part#: S-1142B53I-E6T1U Description: IC REG LINEAR 5.3V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1142B39I-E6T1U Description: IC REG LINEAR 3.9V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1142B37H-E6T2U Description: IC REG LINEAR 3.7V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1142B34H-E6T2U Description: IC REG LINEAR 3.4V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1142B52I-E6T1U Description: IC REG LINEAR 5.2V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
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	Part#: S-1142B40H-E6T2U Description: IC REG LINEAR 4V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
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	Part#: S-1142B37I-E6T1U Description: IC REG LINEAR 3.7V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
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	Part#: S-1142B35H-E6T2U Description: IC REG LINEAR 3.5V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1142B40I-E6T1U Description: IC REG LINEAR 4V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1142B35I-E6T1U Description: IC REG LINEAR 3.5V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1142B50A-E6T2U Description: IC REG LINEAR 5V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1142B34I-E6T1U Description: IC REG LINEAR 3.4V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
	Part#: S-1142B48I-E6T1U Description: IC REG LINEAR 4.8V 200MA 6HSOP	Manufacturers: SII Semiconductor Corporation	RFQ
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