

S6BP201A7AST2B000



Part Number: [S6BP201A7AST2B000](#)

Manufacturer: [Cypress Semiconductor](#)

Description: IC REG BUCK BST 5.2V 1A 16TSSOP

Data sheet:  [S6BP201A](#)

RoHs Status: Lead free / RoHS Compliant

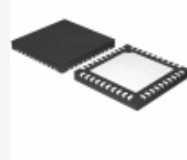
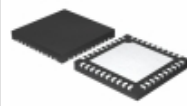
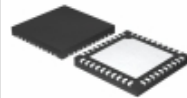
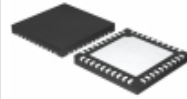
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PRODUCT PARAMETER			
Part Number	S6BP201A7AST2B000	Manufacturer	Cypress Semiconductor
Description	IC REG BUCK BST 5.2V 1A 16TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	28024 pcs	Data sheet	S6BP201A
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	5.2V
Voltage - Output (Max)	-	Voltage - Input (Min)	2.5V
Voltage - Input (Max)	42V	Topology	Buck-Boost
Synchronous Rectifier	Yes	Supplier Device Package	16-TSSOP
Series	Automotive, AEC-Q100	Packaging	Tape & Reel (TR)
Package / Case	16-TSSOP (0.173", 4.40mm Width) Exposed Pad	Output Type	Fixed
Output Configuration	Positive	Operating Temperature	-40°C ~ 125°C (TA)
Number of Outputs	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	22 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Up/Step-Down
Frequency - Switching	200kHz ~ 2.1MHz	Detailed Description	Buck-Boost Switching Regulator IC Positive Fixed 5.2V 1 Output 1A 16-TSSOP (0.173", 4.40mm Width) Exposed Pad
Current - Output	1A		
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RELATED PRODUCTS			
	Part#: S6B-ZR-SM2-TF(LF)(SN) Description: CONN HEADER ZH SMT 6POS 1.5MM	Manufacturers: JST	RFQ
	Part#: S6BP202A1FST2B000 Description: IC REG BUCK BST 5V 2.4A 16TSSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6B-ZR-3.4(LF)(SN) Description: CONN HEADER ZH SIDE 6POS 1.5MM	Manufacturers: JST	RFQ
	Part#: S6B-ZR-SM3A-TF Description: CONN HEADER ZH SIDE 6POS 1.5MM	Manufacturers: JST	RFQ
	Part#: S6B-XH-A(LF)(SN) Description: CONN HEADER XH SIDE 6POS 2.5MM	Manufacturers: JST	RFQ
	Part#: S6BP401AE1SN1B000 Description: IC REG 6OUT BUCK/LDO 40QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6BP401AJ1SN1B000 Description: IC REG 6OUT BUCK/LDO 40QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6B-ZR-SM4A-TF(LF)(SN) Description: CONN HEADER ZH SIDE 6POS 1.5MM	Manufacturers: JST	RFQ
	Part#: S6BP401AB1SN1B000 Description: IC REG 6OUT BUCK/LDO 40QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6B-ZR Description: CONN HEADER ZH SIDE 6POS 1.5MM	Manufacturers: JST	RFQ
	Part#: S6BP203A8FST2B000 Description: IC REG BCK BST 3.3V 2.4A 16TSSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6BP201A4AST2B000 Description: IC REG BUCK BST 5.1V 1A 16TSSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6BP401AJ0SN1B000 Description: IC REG 6OUT BUCK/LDO 40QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6BP202A4FST2B000 Description: IC REG BCK BST 5.1V 2.4A 16TSSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6BP401AE0SN1B000 Description: IC REG 6OUT BUCK/LDO 40QFN	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6BP202A1GST2B000 Description: IC REG BUCK BST 5V 2.4A 16TSSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6BP201A1AST2B000 Description: IC REG BUCK BOOST 5V 1A 16TSSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6B-ZR(LF)(SN) Description: CONN HEADER ZH SIDE 6POS 1.5MM	Manufacturers: JST	RFQ
	Part#: S6BP202A7FST2B000 Description: IC REG BCK BST 5.2V 2.4A 16TSSOP	Manufacturers: Cypress Semiconductor	RFQ
	Part#: S6B-XH-SM4-TB(LF)(SN) Description: CONN HEADER XH SMD 6POS 2.5MM	Manufacturers: JST	RFQ

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