



Cypress Semiconductor



S6BP201A1AST2B000

Part Number:	S6BP201A1AST2B000
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC REG BUCK BOOST 5V 1A 16TSSOP
Datasheets:	 S6BP201A1AST2B000.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	23447 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of S6BP201A1AST2B000

PART NUMBER	S6BP201A1AST2B000
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC REG BUCK BOOST 5V 1A 16TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	23447 pcs
DATA SHEET	 S6BP201A1AST2B000.pdf
VOLTAGE - OUTPUT (MIN/FIXED)	5V
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
OTHER NAMES	428-3868-2 S6BP201A1AST2B000-ND
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF OUTPUTS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 5V 1 Output 1A 16-TSSOP (0.173", 4.40mm Width) Exposed Pad
CURRENT - OUTPUT	1A

Related Tags

Cypress Semiconductor S6BP201A1AST2B000	S6BP201A1AST2B000 Distributor	S6BP201A1AST2B000 Supplier
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Related Products

 S6B-ZR(LF)(SN) Manufacturers: JST Description: CONN HEADER ZH SIDE 6POS 1.5MM In stock: 311441 pcs RFQ	 S6B-ZR-SM2-TF(LF)(SN) Manufacturers: JST Description: CONN HEADER ZH SMT 6POS 1.5MM In stock: 379058 pcs RFQ
 S6BP202A1FST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BUCK BST 5V 2.4A 16TSSOP In stock: 23002 pcs RFQ	 S6BP202A1GST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BUCK BST 5V 2.4A 16TSSOP In stock: 18751 pcs RFQ
 S6B-ZR-SM4A-TF(LF)(SN) Manufacturers: JST Description: CONN HEADER ZH SIDE 6POS 1.5MM In stock: 122022 pcs RFQ	 S6BP202A7FST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BCK BST 5.2V 2.4A 16TSSOP In stock: 18454 pcs RFQ
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