



Cypress Semiconductor



S6BP202A4FST2B000

Part Number:	S6BP202A4FST2B000
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC REG BCK BST 5.1V 2.4A 16TSSOP
Datasheets:	 S6BP202A4FST2B000.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	22420 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

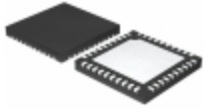
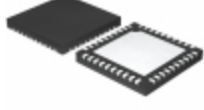
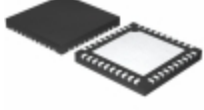
Specifications of S6BP202A4FST2B000

PART NUMBER	S6BP202A4FST2B000
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC REG BCK BST 5.1V 2.4A 16TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	22420 pcs
DATA SHEET	 S6BP202A4FST2B000.pdf
VOLTAGE - OUTPUT (MIN/FIXED)	5.1V
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)
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 5.1V 1 Output 2.4A 16-TSSOP (0.173", 4.40mm Width) Exposed Pad
CURRENT - OUTPUT	2.4A

Related Tags

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Related Products

 S6BP202A1FST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BUCK BST 5V 2.4A 16TSSOP In stock: 23002 pcs RFQ	 S6BP201A7AST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BUCK BST 5.2V 1A 16TSSOP In stock: 22245 pcs RFQ
 S6BP201A1AST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BUCK BOOST 5V 1A 16TSSOP In stock: 23447 pcs RFQ	 S6BP201A4AST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BUCK BST 5.1V 1A 16TSSOP In stock: 23004 pcs RFQ
 S6BP202A7FST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BCK BST 5.2V 2.4A 16TSSOP In stock: 18454 pcs RFQ	 S6BP401AE1SN1B000 Manufacturers: Cypress Semiconductor Description: IC REG 6OUT BUCK/LDO 40QFN In stock: 10329 pcs RFQ
 S6BP401AE0SN1B000 Manufacturers: Cypress Semiconductor Description: IC REG 6OUT BUCK/LDO 40QFN In stock: 10612 pcs RFQ	 S6BP401AB1SN1B000 Manufacturers: Cypress Semiconductor Description: IC REG 6OUT BUCK/LDO 40QFN In stock: 17382 pcs RFQ
 S6BP401AJ0SN1B000 Manufacturers: Cypress Semiconductor Description: IC REG 6OUT BUCK/LDO 40QFN In stock: 18026 pcs RFQ	 S6B-ZR-SM4A-TF(LF)(SN) Manufacturers: JST Description: CONN HEADER ZH SIDE 6POS 1.5MM In stock: 122022 pcs RFQ
 S6BP202A1GST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BUCK BST 5V 2.4A 16TSSOP In stock: 18751 pcs RFQ	 S6BP203A8FST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BCK BST 3.3V 2.4A 16TSSOP In stock: 22558 pcs RFQ