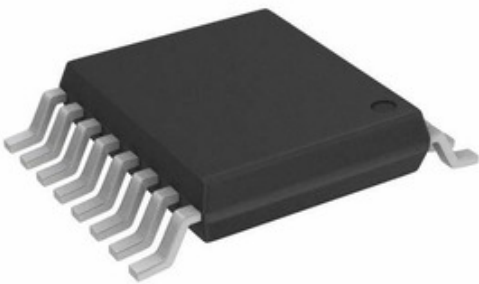




Cypress Semiconductor



S6BP202A1FST2B000

Part Number:	S6BP202A1FST2B000
Manufacturer/Brand:	Cypress Semiconductor
Product description	IC REG BUCK BST 5V 2.4A 16TSSOP
Datasheets:	 S6BP202A1FST2B000.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

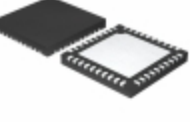
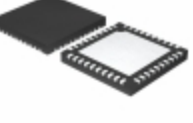
Specifications of S6BP202A1FST2B000

PART NUMBER	S6BP202A1FST2B000
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC REG BUCK BST 5V 2.4A 16TSSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 S6BP202A1FST2B000.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	428-3869-2 S6BP202A1FST2B000-ND
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	23 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 5V 1 Output 2.4A 16-TSSOP (0.173", 4.40mm Width) Exposed Pad
CURRENT - OUTPUT	2.4A

Related Tags

Cypress Semiconductor S6BP202A1FST2B000	S6BP202A1FST2B000 Distributor	S6BP202A1FST2B000 Supplier
S6BP202A1FST2B000 Price	S6BP202A1FST2B000 Pictures	S6BP202A1FST2B000 Image
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Cypress Semiconductor S6BP202A1FST2B000	Cypress Semiconductor Corp S6BP202A1FST2B000	

Related Products

 S6B-ZR-SM3A-TF Manufacturers: JST Description: CONN HEADER ZH SIDE 6POS 1.5MM In stock: Out stock RFQ	 S6BP202A1GST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BUCK BST 5V 2.4A 16TSSOP In stock: Out stock RFQ
 S6B-ZR-SM2-TF(LF)(SN) Manufacturers: JST Description: CONN HEADER ZH SMT 6POS 1.5MM In stock: Out stock RFQ	 S6BP203A8FST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BCK BST 3.3V 2.4A 16TSSOP In stock: Out stock RFQ
 S6BP201A4AST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BUCK BST 5.1V 1A 16TSSOP In stock: Out stock RFQ	 S6B-ZR-SM4A-TF(LF)(SN) Manufacturers: JST Description: CONN HEADER ZH SIDE 6POS 1.5MM In stock: Out stock RFQ
 S6BP201A1AST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BUCK BOOST 5V 1A 16TSSOP In stock: Out stock RFQ	 S6BP401AB1SN1B000 Manufacturers: Cypress Semiconductor Description: IC REG 6OUT BUCK/LDO 40QFN In stock: Out stock RFQ
 S6BP202A7FST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BCK BST 5.2V 2.4A 16TSSOP In stock: Out stock RFQ	 S6BP401AE0SN1B000 Manufacturers: Cypress Semiconductor Description: IC REG 6OUT BUCK/LDO 40QFN In stock: Out stock RFQ
 S6BP202A4FST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BCK BST 5.1V 2.4A 16TSSOP In stock: Out stock RFQ	 S6BP201A7AST2B000 Manufacturers: Cypress Semiconductor Description: IC REG BUCK BST 5.2V 1A 16TSSOP In stock: Out stock RFQ