



Cypress Semiconductor



S6BP201A4AST2B000

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S6BP201A4AST2B000                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC REG BUCK BST 5.1V 1A 16TSSOP                                                                              |
| Datasheets:         |  S6BP201A4AST2B000.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

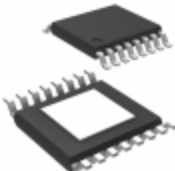
Specifications of S6BP201A4AST2B000

|                                  |                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S6BP201A4AST2B000                                                                                             |
| MANUFACTURER                     | Cypress Semiconductor                                                                                         |
| DESCRIPTION                      | IC REG BUCK BST 5.1V 1A 16TSSOP                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                    |
| DATA SHEET                       |  S6BP201A4AST2B000.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)                                                                                                 |
| 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 5.1V 1 Output 1A 16-TSSOP (0.173", 4.40mm Width) Exposed Pad |
| CURRENT - OUTPUT                 | 1A                                                                                                            |

Related Tags

|                                         |                                              |                                             |
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| Cypress Semiconductor S6BP201A4AST2B000 | Cypress Semiconductor Corp S6BP201A4AST2B000 |                                             |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>S6BP201A7AST2B000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BUCK BST 5.2V 1A 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>S6BP201A1AST2B000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BUCK BOOST 5V 1A 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>S6B-ZR-SM3A-TF</b><br/>Manufacturers: JST<br/>Description: CONN HEADER ZH SIDE 6POS 1.5MM<br/>In stock: Out stock<br/><div>RFQ</div></div>                        |  <div><b>S6B-ZR-SM4A-TF(LF)(SN)</b><br/>Manufacturers: JST<br/>Description: CONN HEADER ZH SIDE 6POS 1.5MM<br/>In stock: Out stock<br/><div>RFQ</div></div>                |
|  <div><b>S6BP202A1FST2B000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BUCK BST 5V 2.4A 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>S6B-ZR(LF)(SN)</b><br/>Manufacturers: JST<br/>Description: CONN HEADER ZH SIDE 6POS 1.5MM<br/>In stock: Out stock<br/><div>RFQ</div></div>                        |
|  <div><b>S6B-ZR-SM2-TF(LF)(SN)</b><br/>Manufacturers: JST<br/>Description: CONN HEADER ZH SMT 6POS 1.5MM<br/>In stock: Out stock<br/><div>RFQ</div></div>                  |  <div><b>S6BP202A4FST2B000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BCK BST 5.1V 2.4A 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>S6BP202A7FST2B000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BCK BST 5.2V 2.4A 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>S6BP203A8FST2B000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BCK BST 3.3V 2.4A 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>S6B-ZR-3.4(LF)(SN)</b><br/>Manufacturers: JST<br/>Description: CONN HEADER ZH SIDE 6POS 1.5MM<br/>In stock: Out stock<br/><div>RFQ</div></div>                    |  <div><b>S6BP202A1GST2B000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BUCK BST 5V 2.4A 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |