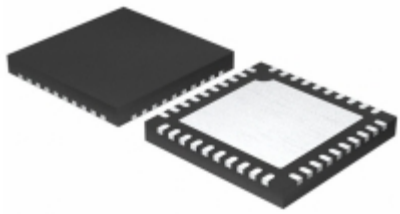


S6BP401AL1SN1B000



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Part Number: S6BP401AL1SN1B000

Manufacturer: Cypress Semiconductor

Description: IC REG 6OUT BUCK/LDO 40QFN

Data sheet:  S6BP401A

RoHs Status: Lead free / RoHS Compliant

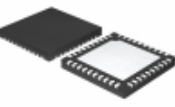
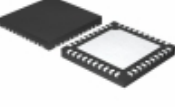
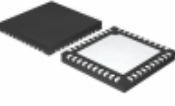
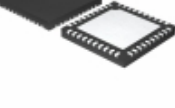
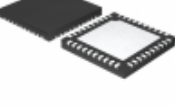
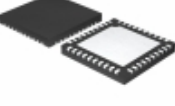
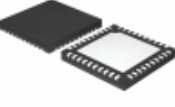
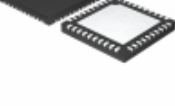
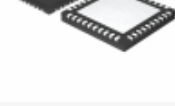
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

| PRODUCT PARAMETER                |                                                                                                              |                                 |                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                      | S6BP401AL1SN1B000                                                                                            | Manufacturer                    | Cypress Semiconductor      |
| Description                      | IC REG 6OUT BUCK/LDO 40QFN                                                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available               | 12634 pcs                                                                                                    | Data sheet                      | S6BP401A                   |
| Category                         | Integrated Circuits (ICs)                                                                                    | w/Supervisor                    | No                         |
| w/Sequencer                      | No                                                                                                           | w/LED Driver                    | No                         |
| Voltage/Current - Output 3       | 2.5V, 2A                                                                                                     | Voltage/Current - Output 2      | 1.1V, 3A                   |
| Voltage/Current - Output 1       | 1.2V, 2A                                                                                                     | Voltage - Supply                | 2.97 V ~ 5.5 V             |
| Topology                         | Step-Down (Buck) Synchronous (4), Linear (LDO) (2)                                                           | Series                          | Automotive, AEC-Q100       |
| Operating Temperature            | -40°C ~ 125°C                                                                                                | Number of Outputs               | 6                          |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                | Manufacturer Standard Lead Time | 14 Weeks                   |
| Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                   | Frequency - Switching           | 2.1MHz                     |
| Detailed Description             | Linear And Switching Voltage Regulator IC 6 Output Step-Down (Buck) Synchronous (4), Linear (LDO) (2) 2.1MHz |                                 |                            |

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|  | Part#: <a href="#">S6BP203A8FST2B000</a><br>Description: IC REG BCK BST 3.3V 2.4A 16TSSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP401AE0SN1B000</a><br>Description: IC REG 6OUT BUCK/LDO 40QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP401AW0SN1B000</a><br>Description: IC REG 6OUT BUCK/LDO 40QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP401AL2SN1B000</a><br>Description: ANALOG                           | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP202A1FST2B000</a><br>Description: IC REG BUCK BST 5V 2.4A 16TSSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP202A4FST2B000</a><br>Description: IC REG BCK BST 5.1V 2.4A 16TSSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP401AM2SN1B000</a><br>Description: IC REG 6OUT BUCK/LDO 40QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP401AJ0SN1B000</a><br>Description: IC REG 6OUT BUCK/LDO 40QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP202A1GST2B000</a><br>Description: IC REG BUCK BST 5V 2.4A 16TSSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP401AB1SN1B000</a><br>Description: IC REG 6OUT BUCK/LDO 40QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BR</a><br>Description: DIODE GEN PURP REV 100V 6A DO4                | Manufacturers: <a href="#">GeneSic Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP401AE1SN1B000</a><br>Description: IC REG 6OUT BUCK/LDO 40QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP401AL0SN1B000</a><br>Description: IC REG 6OUT BUCK/LDO 40QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP401AJ1SN1B000</a><br>Description: IC REG 6OUT BUCK/LDO 40QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP201A7AST2B000</a><br>Description: IC REG BUCK BST 5.2V 1A 16TSSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP202A7FST2B000</a><br>Description: IC REG BCK BST 5.2V 2.4A 16TSSOP | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP401AY1SN1B000</a><br>Description: IC REG 6OUT BUCK/LDO 40QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP201A4AST2B000</a><br>Description: IC REG BUCK BST 5.1V 1A 16TSSOP  | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S6BP401AY0SN1B000</a><br>Description: IC REG 6OUT BUCK/LDO 40QFN       | Manufacturers: <a href="#">Cypress Semiconductor</a> | <div>RFQ</div> |

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