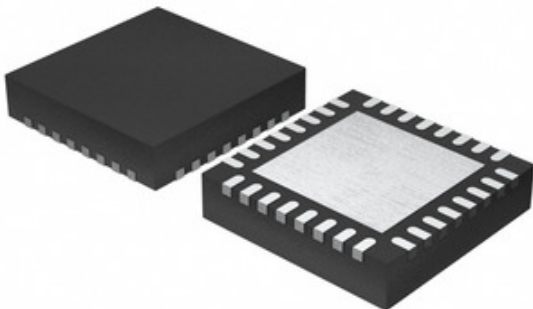




Cypress Semiconductor



S6AP413AFBGN1C000

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S6AP413AFBGN1C000                                                                                            |
| Manufacturer/Brand: | Cypress Semiconductor                                                                                        |
| Product description | IC REG BUCK BOOST SYNC 32QFN                                                                                 |
| Datasheets:         |  S6AP413AFBGN1C000.pdf      |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 33350 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

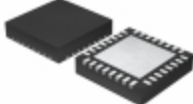
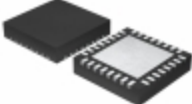
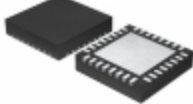
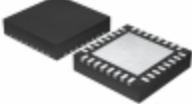
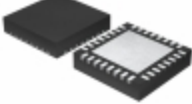
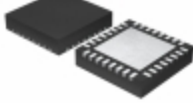
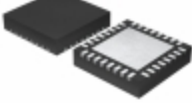
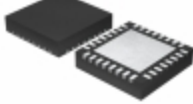
Specifications of S6AP413AFBGN1C000

|                                  |                                                                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S6AP413AFBGN1C000                                                                                                               |
| MANUFACTURER                     | Cypress Semiconductor                                                                                                           |
| DESCRIPTION                      | IC REG BUCK BOOST SYNC 32QFN                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                      |
| QUANTITY AVAILABLE               | 33350 pcs                                                                                                                       |
| DATA SHEET                       |  S6AP413AFBGN1C000.pdf                       |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 1.2V, 1.8V, 3.3V, 1.2V                                                                                                          |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                               |
| VOLTAGE - INPUT (MIN)            | 2.5V                                                                                                                            |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                            |
| TOPOLOGY                         | Buck, Buck-Boost                                                                                                                |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                                             |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                                                                    |
| SERIES                           | -                                                                                                                               |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                |
| PACKAGE / CASE                   | 32-WFQFN Exposed Pad                                                                                                            |
| OUTPUT TYPE                      | Fixed                                                                                                                           |
| OUTPUT CONFIGURATION             | Positive                                                                                                                        |
| OTHER NAMES                      | 428-3886-2<br>S6AP413AFBGN1C000-ND                                                                                              |
| OPERATING TEMPERATURE            | -30°C ~ 85°C (TA)                                                                                                               |
| NUMBER OF OUTPUTS                | 4                                                                                                                               |
| MOUNTING TYPE                    | Surface Mount                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                      |
| FUNCTION                         | Step-Down, Step-Up/Step-Down                                                                                                    |
| FREQUENCY - SWITCHING            | 3MHz                                                                                                                            |
| DETAILED DESCRIPTION             | Buck, Buck-Boost Switching Regulator IC Positive Fixed 1.2V, 1.8V, 3.3V, 1.2V 4 Output 2A, 1.2A, 600mA, 2A 32-WFQFN Exposed Pad |
| CURRENT - OUTPUT                 | 2A, 1.2A, 600mA, 2A                                                                                                             |

Related Tags

|                                         |                                              |                                             |
|-----------------------------------------|----------------------------------------------|---------------------------------------------|
| Cypress Semiconductor S6AP413AFBGN1C000 | S6AP413AFBGN1C000 Distributor                | S6AP413AFBGN1C000 Supplier                  |
| S6AP413AFBGN1C000 Price                 | S6AP413AFBGN1C000 Pictures                   | S6AP413AFBGN1C000 Image                     |
| S6AP413AFBGN1C000 PDF Datasheet         | S6AP413AFBGN1C000 Download Datasheet         | S6AP413AFBGN1C000 Datasheet                 |
| S6AP413AFBGN1C000 Stock                 | Buy S6AP413AFBGN1C000                        | Buy Cypress Semiconductor S6AP413AFBGN1C000 |
| Cypress Semiconductor S6AP413AFBGN1C000 | Cypress Semiconductor Supplier               | Cypress Semiconductor Distributor           |
| Cypress Semiconductor S6AP413AFBGN1C000 | Cypress Semiconductor Corp S6AP413AFBGN1C000 |                                             |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><b>S6AP413A79GN1C000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BUCK BOOST QD SYNC 32QFN<br/>In stock: 34670 pcs</div><div>RFQ</div></div>  | <div><div><b>S6AP412A28GN1C000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BCK BOOST TRPL SYNC 32QFN<br/>In stock: 30976 pcs</div><div>RFQ</div></div> |
| <div><div><b>S6AP412A78GN1C000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BCK BOOST TRPL SYNC 32QFN<br/>In stock: 37731 pcs</div><div>RFQ</div></div> | <div><div><b>S6AP412A38GN1C000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BUCK BOOST SYNC 32QFN<br/>In stock: 35416 pcs</div><div>RFQ</div></div>     |
| <div><div><b>S6AWF</b><br/>Manufacturers: NKK Switches<br/>Description: SWITCH TOGGLE DPDT 20A 125V<br/>In stock: 6401 pcs</div><div>RFQ</div></div>                            | <div><div><b>S6AP412AA8GN1C000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BCK BOOST TRPL SYNC 32QFN<br/>In stock: 40510 pcs</div><div>RFQ</div></div> |
| <div><div><b>S6AP413A6BGN1C000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BCK BOOST QD SYNC 32WNT<br/>In stock: 30673 pcs</div><div>RFQ</div></div>   | <div><div><b>S6AP413A38GN1C000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BCK BOOST SYNC 32QFN<br/>In stock: 30081 pcs</div><div>RFQ</div></div>      |
| <div><div><b>S6AW-WL</b><br/>Manufacturers: NKK Switches<br/>Description: MEDIUM CAPACITY STANDARD SIZE TO<br/>In stock: 4017 pcs</div><div>RFQ</div></div>                     | <div><div><b>S6AP412AF8GN1C000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BCK BOOST TRPL SYNC 32QFN<br/>In stock: 31788 pcs</div><div>RFQ</div></div> |
| <div><div><b>S6AP412A68GN1C000</b><br/>Manufacturers: Cypress Semiconductor<br/>Description: IC REG BCK BOOST TRPL SYNC 32QFN<br/>In stock: 35800 pcs</div><div>RFQ</div></div> | <div><div><b>S6AW</b><br/>Manufacturers: NKK Switches<br/>Description: SWITCH TOGGLE DPDT 20A 125V<br/>In stock: 6538 pcs</div><div>RFQ</div></div>                             |