



SM320F2812PGFMEPG4

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SM320F2812PGFMEPG4                                                                                           |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 256KB FLASH 176LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1745 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SM320F2812PGFMEPG4

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SM320F2812PGFMEPG4                                                                                     |
| MANUFACTURER                     | N/A                                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 176LQFP                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 1745 pcs                                                                                               |
| DATA SHEET                       |                                                                                                        |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.81 V ~ 2 V                                                                                           |
| SUPPLIER DEVICE PACKAGE          | 176-LQFP (24x24)                                                                                       |
| SPEED                            | 150MHz                                                                                                 |
| SERIES                           | C2000™ C28x Fixed-Point                                                                                |
| RAM SIZE                         | 18K x 16                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 256KB (128K x 16)                                                                                      |
| PERIPHERALS                      | DMA, POR, PWM, WDT                                                                                     |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 176-LQFP                                                                                               |
| OTHER NAMES                      | 296-36036<br>SM320F2812PGFMEPG4-ND                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -55°C ~ 125°C (TA)                                                                                     |
| NUMBER OF I/O                    | 56                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | -                                                                                                      |
| DETAILED DESCRIPTION             | C28x C2000™ C28x Fixed-Point Microcontroller IC 32-Bit 150MHz 256KB (128K x 16) FLASH 176-LQFP (24x24) |
| DATA CONVERTERS                  | A/D 16x12b                                                                                             |
| CORE SIZE                        | 32-Bit                                                                                                 |
| CORE PROCESSOR                   | C28x                                                                                                   |
| CONNECTIVITY                     | CANbus, EBI/EMI, McBSP, SCI, SPI, UART/USART                                                           |
| BASE PART NUMBER                 | SM320F2812                                                                                             |

Related Tags

|                                  |                                       |                              |
|----------------------------------|---------------------------------------|------------------------------|
| SM320F2812PGFMEPG4               | SM320F2812PGFMEPG4 Distributor        | SM320F2812PGFMEPG4 Supplier  |
| SM320F2812PGFMEPG4 Price         | SM320F2812PGFMEPG4 Pictures           | SM320F2812PGFMEPG4 Image     |
| SM320F2812PGFMEPG4 PDF Datasheet | SM320F2812PGFMEPG4 Download Datasheet | SM320F2812PGFMEPG4 Datasheet |
| SM320F2812PGFMEPG4 Stock         | Buy SM320F2812PGFMEPG4                | Buy SM320F2812PGFMEPG4       |
| SM320F2812PGFMEPG4               | Supplier                              | Distributor                  |

Related Products

|                                                                                                                                                  |                                                                                                                                                              |                                                                                                                                                   |                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>SM320F28335GJZMEP</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 32BIT 512KB FLASH 176BGA</div> <div>In stock: 1186 pcs</div> | <div>SM320F28335KGD51</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 32BIT 512KB FLASH 0XCEPT</div> <div>In stock: 214 pcs</div>               | <div>SM320F28335PTPMEP</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 32BIT 512KB FLASH 176HQFP</div> <div>In stock: 1268 pcs</div> | <div>SM320F28335PTPS</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 32BIT 512KB FLASH 176HQFP</div> <div>In stock: 336 pcs</div> <div>RFQ</div>   |
| <div>SM320F2812GHHMEP</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 32BIT 256KB FLASH 179BGA</div> <div>In stock: 1772 pcs</div>  | <div>SM320F2812KGDS150A</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 32BIT 256KB FLASH 0XCEPT</div> <div>In stock: 333 pcs</div>             | <div>SM320F2812HFGS150</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 32BIT 256KB FLASH 172CFP</div> <div>In stock: 272 pcs</div>   | <div>SM320F2808PZMEP</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 32BIT 128KB FLASH 100LQFP</div> <div>In stock: 2202 pcs</div> <div>RFQ</div>  |
| <div>SM320F2812HFGM150</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 32BIT 256KB FLASH 172CFP</div> <div>In stock: 6668 pcs</div> | <div>SM320F28335GBS</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 32BIT 512KB FLASH 181CPGA</div> <div>In stock: 234 pcs</div> <div>RFQ</div> | <div>SM320F28335GHHAEP</div> <div>Manufacturers: N/A</div> <div>Description: IC MCU 32BIT 512KB FLASH 179BGA</div> <div>In stock: 2617 pcs</div>  | <div>SM320F2812PGFMEP</div> <div>Manufacturers: N/A</div> <div>Description: IC DCTL SIGNAL PROCESSOR 176LQFP</div> <div>In stock: 2337 pcs</div> <div>RFQ</div> |