



SM320F2812GHHMEP

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SM320F2812GHHMEP                                                                                                     |
| Manufacturer/Brand: | N/A                                                                                                                  |
| Product description | IC MCU 32BIT 256KB FLASH 179BGA                                                                                      |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-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 SM320F2812GHHMEP

|                                  |                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SM320F2812GHHMEP                                                                                                |
| MANUFACTURER                     | N/A                                                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 179BGA                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                              |
| DATA SHEET                       |                                                                                                                 |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.81 V ~ 2 V                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 179-BGA MicroStar (12x12)                                                                                       |
| 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                   | 179-LFBGA                                                                                                       |
| OTHER NAMES                      | 296-22572<br>V62/05601-03XA                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                                        |
| OPERATING TEMPERATURE            | -55°C ~ 125°C (TA)                                                                                              |
| NUMBER OF I/O                    | 56                                                                                                              |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                   |
| MANUFACTURER STANDARD LEAD TIME  | 15 Weeks                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                              |
| EEPROM SIZE                      | -                                                                                                               |
| DETAILED DESCRIPTION             | C28x C2000™ C28x Fixed-Point Microcontroller IC 32-Bit 150MHz 256KB (128K x 16) FLASH 179-BGA MicroStar (12x12) |
| 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

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| SM320F2812GHHMEP               | SM320F2812GHHMEP Distributor        | SM320F2812GHHMEP Supplier  |
| SM320F2812GHHMEP Price         | SM320F2812GHHMEP Pictures           | SM320F2812GHHMEP Image     |
| SM320F2812GHHMEP PDF Datasheet | SM320F2812GHHMEP Download Datasheet | SM320F2812GHHMEP Datasheet |
| SM320F2812GHHMEP Stock         | Buy SM320F2812GHHMEP                | Buy SM320F2812GHHMEP       |
| SM320F2812GHHMEP               | Supplier                            | Distributor                |

Related Products

|                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>No Picture</div></div> <div><b>SM320F2812HFGS150</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 172CFP<br/>In stock: 324 pcs<br/><div>RFQ</div></div>  | <div><div>No Picture</div></div> <div><b>SM320F28335GBS</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 512KB FLASH 181CPGA<br/>In stock: 216 pcs<br/><div>RFQ</div></div>      |
| <div><div>No Picture</div></div> <div><b>SM320F2801PZMEP</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 32KB FLASH 100LQFP<br/>In stock: 7616 pcs<br/><div>RFQ</div></div>   | <div><div>No Picture</div></div> <div><b>SM320DM642AZDKI7</b><br/>Manufacturers: N/A<br/>Description: SM320DM642AZDKI7<br/>In stock: 935 pcs<br/><div>RFQ</div></div>                    |
| <div><div>No Picture</div></div> <div><b>SM320DM642AGDKI7EP</b><br/>Manufacturers: N/A<br/>Description: IC DSP FIXED-POINT VID 548FCBGA<br/>In stock: 974 pcs<br/><div>RFQ</div></div> | <div><div>No Picture</div></div> <div><b>SM320F2812HFGM150</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 172CFP<br/>In stock: 4857 pcs<br/><div>RFQ</div></div>   |
| <div><div>No Picture</div></div> <div><b>SM320DM642AGDKS7EP</b><br/>Manufacturers: N/A<br/>Description: IC DSP FIXED-POINT VID 548FCBGA<br/>In stock: 549 pcs<br/><div>RFQ</div></div> | <div><div>No Picture</div></div> <div><b>SM320F2812KGDS150A</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 0XCEPT<br/>In stock: 272 pcs<br/><div>RFQ</div></div>   |
| <div><div>No Picture</div></div> <div><b>SM320F2812PGFMEP</b><br/>Manufacturers: N/A<br/>Description: IC DGTL SIGNAL PROCESSOR 176LQFP<br/>In stock: 2320 pcs<br/><div>RFQ</div></div> | <div><div>No Picture</div></div> <div><b>SM320F2812PGFMEPG4</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 256KB FLASH 176LQFP<br/>In stock: 2777 pcs<br/><div>RFQ</div></div> |
| <div><div>No Picture</div></div> <div><b>SM320F2808PZMEP</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 2979 pcs<br/><div>RFQ</div></div>  | <div><div>No Picture</div></div> <div><b>SM320DM6446AZWTA</b><br/>Manufacturers: N/A<br/>Description: IC DIGITAL MEDIA SOC 361NFBGA<br/>In stock: 1315 pcs<br/><div>RFQ</div></div>      |