



### TMS320F2801ZGMS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TMS320F2801ZGMS                                                                                              |
| Manufacturer/Brand: | N/A                                                                                                          |
| Product description | IC MCU 32BIT 32KB FLASH 100BGA                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5488 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

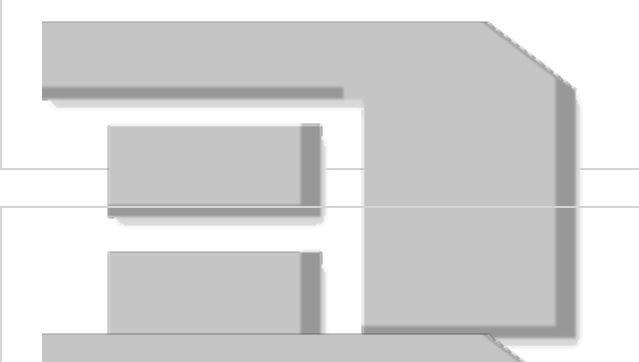
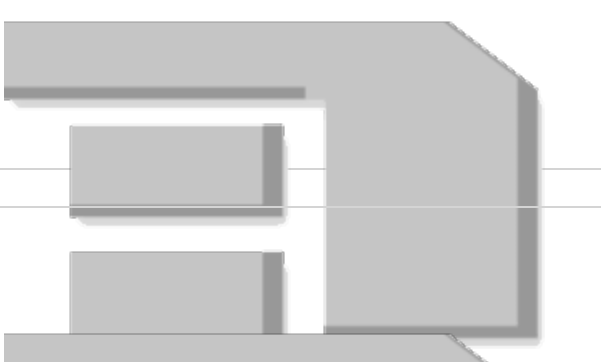
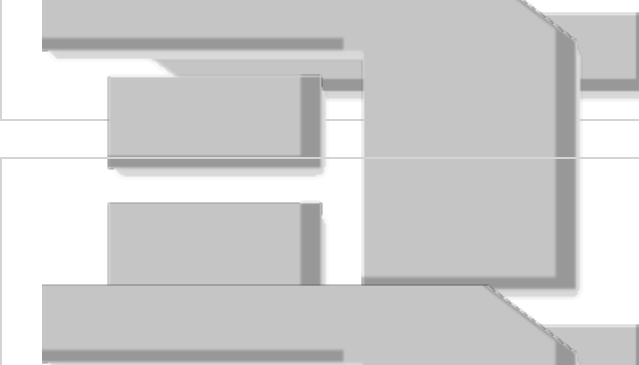
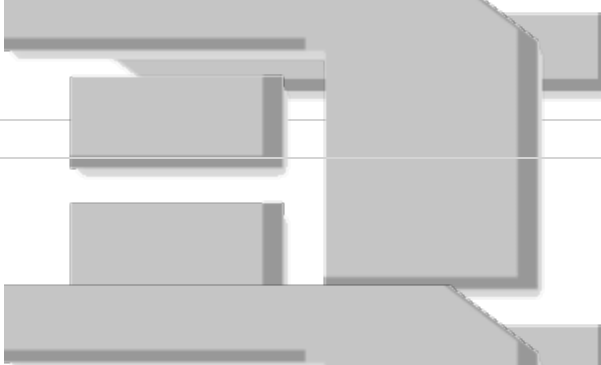
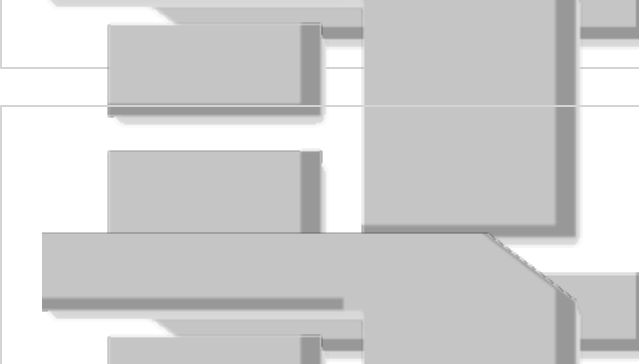
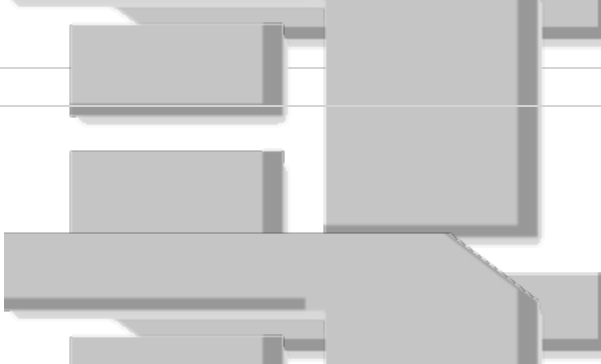
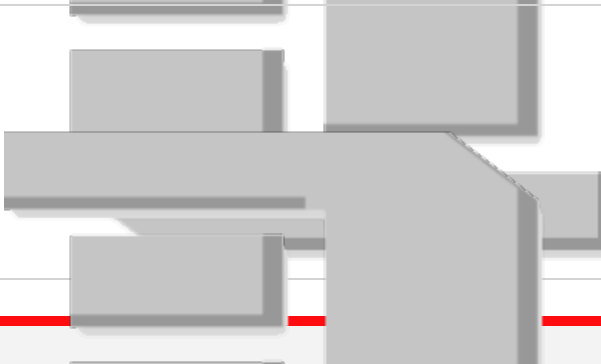
#### Specifications of TMS320F2801ZGMS

|                                  |                                                                                                                   |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TMS320F2801ZGMS                                                                                                   |
| MANUFACTURER                     | N/A                                                                                                               |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 100BGA                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                        |
| QUANTITY AVAILABLE               | 5488 pcs                                                                                                          |
| DATA SHEET                       |                                                                                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 1.89 V                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 100-BGA MICROSTAR (10.1x10.1)                                                                                     |
| SPEED                            | 100MHz                                                                                                            |
| SERIES                           | C2000™ C28x Fixed-Point                                                                                           |
| RAM SIZE                         | 6K x 16                                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                             |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                                   |
| PERIPHERALS                      | POR, PWM, WDT                                                                                                     |
| PACKAGING                        | Tray                                                                                                              |
| PACKAGE / CASE                   | 100-LFBGA                                                                                                         |
| OTHER NAMES                      | 296-18325                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                          |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                |
| NUMBER OF I/O                    | 35                                                                                                                |
| 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 100MHz 32KB (16K x 16) FLASH 100-BGA MICROSTAR (10.1x10.1) |
| DATA CONVERTERS                  | A/D 16x12b                                                                                                        |
| CORE SIZE                        | 32-Bit                                                                                                            |
| CORE PROCESSOR                   | C28x                                                                                                              |
| CONNECTIVITY                     | CANbus, I²C, SCI, SPI, UART/USART                                                                                 |
| BASE PART NUMBER                 | TMS320F2801                                                                                                       |

#### Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| TMS320F2801ZGMS               | TMS320F2801ZGMS Distributor        | TMS320F2801ZGMS Supplier  |
| TMS320F2801ZGMS Price         | TMS320F2801ZGMS Pictures           | TMS320F2801ZGMS Image     |
| TMS320F2801ZGMS PDF Datasheet | TMS320F2801ZGMS Download Datasheet | TMS320F2801ZGMS Datasheet |
| TMS320F2801ZGMS Stock         | Buy TMS320F2801ZGMS                | Buy TMS320F2801ZGMS       |
| TMS320F2801ZGMS               | Supplier                           | Distributor               |

#### Related Products

|                                                                                    |                                                                                                                                        |                                                                                      |                                                                                                                                         |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>TMS320F280200DAT</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 16KB FLASH 38TSSOP<br>In stock: 17411 pcs<br><div>RFQ</div> |  | <b>TMS320F280200PTT</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br>In stock: 19122 pcs<br><div>RFQ</div>   |
|  | <b>TMS320F2801PZA</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 100LQFP<br>In stock: 7458 pcs<br><div>RFQ</div>    |  | <b>TMS320F2801PZS</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 100LQFP<br>In stock: 8217 pcs<br><div>RFQ</div>     |
|  | <b>TMS320F28020DAT</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 38TSSOP<br>In stock: 17891 pcs<br><div>RFQ</div>  |  | <b>TMS320F2801PZS-60</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 100LQFP<br>In stock: 12280 pcs<br><div>RFQ</div> |
|  | <b>TMS320F2801PZQ</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 100LQFP<br>In stock: 7202 pcs<br><div>RFQ</div>    |  | <b>TMS320F2801PZA-60</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 100LQFP<br>In stock: 11766 pcs<br><div>RFQ</div> |
|  | <b>TMS320F280200DAS</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 16KB FLASH 38TSSOP<br>In stock: 22890 pcs<br><div>RFQ</div> |  | <b>TMS320F280200PTS</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 16KB FLASH 48LQFP<br>In stock: 22770 pcs<br><div>RFQ</div>   |
|  | <b>TMS320F2801ZGMA</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 100BGA<br>In stock: 7773 pcs<br><div>RFQ</div>    |  | <b>TMS320F28020DAS</b><br>Manufacturers: N/A<br>Description: IC MCU 32BIT 32KB FLASH 38TSSOP<br>In stock: 25746 pcs<br><div>RFQ</div>   |