

Macraigor Systems

Complete JTAG Debug Support

Texas Instruments

Macraigor Systems

Complete JTAG Debug Support

TMS320F28035PNQ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | TMS320F28035PNQ                                                                                              |
| Manufacturer/Brand: | Macraigor Systems LLC                                                                                        |
| Product description | IC MCU 32BIT 128KB FLASH 80LQFP                                                                              |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

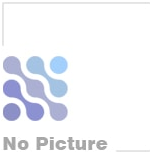
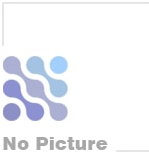
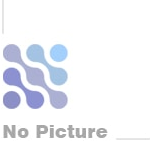
Specifications of TMS320F28035PNQ

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | TMS320F28035PNQ                                                                                                        |
| MANUFACTURER                     | Texas Instruments                                                                                                      |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 80LQFP                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |                                                                                                                        |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                                                  |
| VOLTAGE - BREAKDOWN              | 80-LQFP (12x12)                                                                                                        |
| SERIES                           | Automotive, AEC-Q100, C2000™ C28x Piccolo™                                                                             |
| ROHS STATUS                      | Tray                                                                                                                   |
| REVERSE RECOVERY TIME (TRR)      | 60MHz                                                                                                                  |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                                                                                  |
| PROGRAM MEMORY TYPE              | 128KB (64K x 16)                                                                                                       |
| PROGRAM MEMORY SIZE              | CAN, I²C, LIN, SCI, SPI, UART/USART                                                                                    |
| POLARIZATION                     | 80-LQFP                                                                                                                |
| OTHER NAMES                      | 296-36024<br>TMS320F28035PNQ-ND                                                                                        |
| OSCILLATOR TYPE                  | A/D 16x12b                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                     |
| OPERATING SYSTEM                 | C28x                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                               |
| MANUFACTURER PART NUMBER         | TMS320F28035PNQ                                                                                                        |
| EXPANDED DESCRIPTION             | C28x Automotive, AEC-Q100, C2000™ C28x Piccolo™ Microcontroller IC 32-Bit 60MHz 128KB (64K x 16) FLASH 80-LQFP (12x12) |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 80LQFP                                                                                        |
| DATA SRAM BYTES                  | -                                                                                                                      |
| DATA CONVERTERS                  | 1.71 V ~ 1.995 V                                                                                                       |
| CORE SIZE                        | 10K x 16                                                                                                               |
| CONTROLLER SERIES                | Internal                                                                                                               |
| CONNECTIVITY                     | 32-Bit                                                                                                                 |
| CLOCK RATE                       | 45                                                                                                                     |

Related Tags

|                                       |                                    |                                           |
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Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>No Picture</div></div> <div><b>TMS320F28035P1PAGS</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 9946 pcs<br/><div>RFQ</div></div> | <div><div>No Picture</div></div> <div><b>TMS320F28035PNS</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 13877 pcs<br/><div>RFQ</div></div>  |
| <div><div>No Picture</div></div> <div><b>TMS320F28035PAGS</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 14410 pcs<br/><div>RFQ</div></div>  | <div><div>No Picture</div></div> <div><b>TMS320F28035PNT</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 15502 pcs<br/><div>RFQ</div></div>  |
| <div><div>No Picture</div></div> <div><b>TMS320F28035RSHS</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 56VQFN<br/>In stock: 16077 pcs<br/><div>RFQ</div></div>  | <div><div>No Picture</div></div> <div><b>TMS320F28035MPNTEP</b><br/>Manufacturers: N/A<br/>Description: PICCOLOB 20 RAM 128 FLASH RT<br/>In stock: 4534 pcs<br/><div>RFQ</div></div>   |
| <div><div>No Picture</div></div> <div><b>TMS320F28035PAGQ</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 14467 pcs<br/><div>RFQ</div></div>  | <div><div>No Picture</div></div> <div><b>TMS320F28035RSHT</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 56VQFN<br/>In stock: 15604 pcs<br/><div>RFQ</div></div> |
| <div><div>No Picture</div></div> <div><b>TMS320F28035PAGT</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 15539 pcs<br/><div>RFQ</div></div>  | <div><div>No Picture</div></div> <div><b>TMS320F28044PZA</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 100LQFP<br/>In stock: 8512 pcs<br/><div>RFQ</div></div>  |
| <div><div>No Picture</div></div> <div><b>TMS320F28035PAGTR</b><br/>Manufacturers: N/A<br/>Description: IC MCU 32BIT 128KB FLASH 64TQFP<br/>In stock: 14828 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>TMS320F28035PNQR</b><br/>Manufacturers: Texas Instruments<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 15411 pcs<br/><div>RFQ</div></div>        |