

F28M36H33B2ZWTT



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Part Number: [F28M36H33B2ZWTT](#)

Manufacturer: N/A

Description: IC MCU 32BIT 1.28MB FLASH 289BGA

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                    |                                 |                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | F28M36H33B2ZWTT                                                                                                                                    | Manufacturer                    | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 32BIT 1.28MB FLASH 289BGA                                                                                                                   | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 4253 pcs                                                                                                                                           | Data sheet                      |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>                                                                                                          | Voltage - Supply (Vcc/Vdd)      | 1.14 V ~ 3.63 V            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                    | 289-NFBGA (16x16)                                                                                                                                  | Speed                           | 100MHz/150MHz              |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | C2000™ C28x + ARM® Cortex® M3 Concerto™                                                                                                            | RAM Size                        | 232KB                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                                                                                                                              | Program Memory Size             | 512KB/768KB                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                | Brown-out Detect/Reset, DMA, POR, PWM, WDT                                                                                                         | Packaging                       | Tray                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 289-LFBGA                                                                                                                                          | Oscillator Type                 | Internal                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                      | -40°C ~ 105°C (TJ)                                                                                                                                 | Number of I/O                   | 142                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                           | 3 (168 Hours)                                                                                                                                      | Manufacturer Standard Lead Time | 6 Weeks                    |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                                                                                                                         | EEPROM Size                     | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                       | C28x/ARM® Cortex®-M3 C2000™ C28x + ARM® Cortex® M3 Concerto™ Microcontroller IC 32-Bit Dual-Core 100MHz/150MHz 512KB/768KB FLASH 289-NFBGA (16x16) | Data Converters                 | A/D 24x12b                 |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                  | 32-Bit Dual-Core                                                                                                                                   | Core Processor                  | C28x/ARM® Cortex®-M3       |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                               | CANbus, EBI/EMI, I²C, IrDA, McBSP, SCI, SPI, SSI, UART/USART                                                                                       | Base Part Number                | F28M36                     |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                    |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------|----------------|
|  | Part#: <a href="#">F28M36H53B2ZWTD</a><br>Description: IC MCU 32BIT 1MB FLASH 289NFBGA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M35M52C1RFPT</a><br>Description: IC MCU 32BIT 1MB FLASH 144HTQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M36H33C2ZWTD</a><br>Description: IC MCU 32BIT 1.28MB FLASH 289BGA | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M36P53C2ZWTD</a><br>Description: IC MCU 32BIT 1MB FLASH 289NFBGA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M35M20B1RFPT</a><br>Description: IC MCU 32BIT 512KB FLASH 144QFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M35M52C1RFPS</a><br>Description: IC MCU 32BIT 1MB FLASH 144HTQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M36H33B2ZWTS</a><br>Description: IC MCU 32BIT 1.28MB FLASH 289BGA | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M35H52C1RFPS</a><br>Description: IC MCU 32BIT 1MB FLASH 144HTQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M36H33C2ZWTS</a><br>Description: IC MCU 32BIT 1.28MB FLASH 289BGA | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M36H53C2ZWTS</a><br>Description: IC MCU 32BIT 1MB FLASH 289NFBGA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M35M20B1RFPS</a><br>Description: IC MCU 32BIT 512KB FLASH 144QFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M35M22C1RFPT</a><br>Description: IC MCU 32BIT 512KB FLASH 144QFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M36H33B2ZWTD</a><br>Description: IC MCU 32BIT 1.28MB FLASH 289BGA | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M36H53B2ZWTT</a><br>Description: IC MCU 32BIT 1MB FLASH 289NFBGA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">F28M36H53B2ZWTS</a><br>Description: IC MCU 32BIT 1MB FLASH 289NFBGA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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