

MSP430F2252TDA



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Part Number: [MSP430F2252TDA](#)

Manufacturer [N/A](#)

Description [IC MCU 16BIT 16KB FLASH 38TSSOP](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                  |                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | MSP430F2252TDA                            | Manufacturer                     | N/A                                                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 16KB FLASH 38TSSOP           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 36117 pcs                                 | Data sheet                       |                                                                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                    | 38-TSSOP                                  | Speed                            | 16MHz                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | MSP430F2xx                                | RAM Size                         | 512 x 8                                                                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                     | Program Memory Size              | 16KB (16K x 8 + 256B)                                                                  |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                | Brown-out Detect/Reset, POR, PWM, WDT     | Packaging                        | Tube                                                                                   |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 38-TSSOP (0.240", 6.10mm Width)           | Other Names                      | 296-29604-5<br>MSP430F2252TDA-ND                                                       |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                                     |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                              | 32                                        | Moisture Sensitivity Level (MSL) | 2 (1 Year)                                                                             |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                            | 8 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                             |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                | -                                         | Detailed Description             | MSP430 MSP430F2xx Microcontroller IC 16-Bit 16MHz 16KB (16K x 8 + 256B) FLASH 38-TSSOP |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 12x10b                                | Core Size                        | 16-Bit                                                                                 |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                             | MSP430                                    | Connectivity                     | I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                           | MSP430F2252                               |                                  |                                                                                        |
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|  | Part#: <a href="#">MSP430F2234TRHAT</a><br>Description: <a href="#">IC MCU 16BIT 8KB FLASH 40VQFN</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430F2234TDAR</a><br>Description: <a href="#">IC MCU 16BIT 8KB FLASH 38TSSOP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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