

MSP430I2041TRHBR



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Part Number: [MSP430I2041TRHBR](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 32KB FLASH 32VQFN](#)

Data sheet:

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

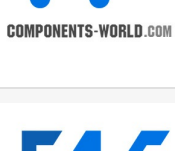
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                            |                                           |                                  |                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                  | MSP430I2041TRHBR                          | Manufacturer                     | N/A                                                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                  | IC MCU 16BIT 32KB FLASH 32VQFN            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                           | 68881 pcs                                 | Data sheet                       |                                                                                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.2 V ~ 3.6 V                                                                     |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                      | 32-VQFN (5x5)                             | Speed                            | 16.384Mhz                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                       | MSP430I2xx                                | RAM Size                         | 2K x 8                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                          | FLASH                                     | Program Memory Size              | 32KB (32K x 8)                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                  | Brown-out Detect/Reset, PWM, WDT          | Packaging                        | Cut Tape (CT)                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                               | 32-VFQFN Exposed Pad                      | Other Names                      | 296-38509-1                                                                       |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                              | External                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                                |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                | 16                                        | 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             | MSP430I2xx Microcontroller IC 16-Bit 16.384Mhz 32KB (32K x 8) FLASH 32-VQFN (5x5) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                              | A/D 4x24b Sigma-Delta                     | Core Size                        | 16-Bit                                                                            |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Connectivity                     | I <sup>2</sup> C, IrDA, SCI, SPI, UART/USART                                      |
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|  | Part#: <a href="#">MSP430I2040TRHBR</a><br>Description: <a href="#">IC MCU 16BIT 16KB FLASH 32VQFN</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430P315CY</a><br>Description: <a href="#">IC MCU 16BIT 16KB OTP</a>              | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430P112IDW</a><br>Description: <a href="#">IC MCU 16BIT 4KB OTP 20SOIC</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430I2031TRHBT</a><br>Description: <a href="#">IC MCU 16BIT 32KB FLASH 32VQFN</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MSP430P315SIDLR</a><br>Description: <a href="#">IC MCU 16BIT 16KB OTP 48SSOP</a>    | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MSP430I2041TPW</a><br>Description: <a href="#">IC MCU 16BIT 32KB FLASH 28TSSOP</a>  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

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