

MSP430F4270IDL



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Part Number: [MSP430F4270IDL](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 32KB FLASH 48SSOP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                          |                                            |                                  |                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                | MSP430F4270IDL                             | Manufacturer                     | N/A                                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                | IC MCU 16BIT 32KB FLASH 48SSOP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                         | 21418 pcs                                  | Data sheet                       |                                                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>  | Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                    | 48-SSOP                                    | Speed                            | 8MHz                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                     | MSP430x4xx                                 | RAM Size                         | 256 x 8                                                                              |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                        | FLASH                                      | Program Memory Size              | 32KB (32K x 8 + 256B)                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                | Brown-out Detect/Reset, LCD, POR, PWM, WDT | Packaging                        | Tube                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                             | 48-BSSOP (0.295", 7.50mm Width)            | Other Names                      | 296-26229-5<br>MSP430F4270IDL-ND                                                     |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                            | Internal                                   | Operating Temperature            | -40°C ~ 85°C (TA)                                                                    |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                              | 32                                         | Moisture Sensitivity Level (MSL) | 2 (1 Year)                                                                           |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                            | 20 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                           |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                | -                                          | Detailed Description             | MSP430 MSP430x4xx Microcontroller IC 16-Bit 8MHz 32KB (32K x 8 + 256B) FLASH 48-SSOP |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                            | A/D 1x16b; D/A 1x12b                       | Core Size                        | 16-Bit                                                                               |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                             | MSP430                                     | Connectivity                     | -                                                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                           | MSP430F4270                                |                                  |                                                                                      |
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|  | Part#: <a href="#">MSP430F4250IRGZT</a><br>Description: <a href="#">IC MCU 16BIT 16KB FLASH 48VQFN</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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