

C8051F350R



SILICON LABS



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**Part Number:** [C8051F350R](#)

**Manufacturer:** [Energy Micro \(Silicon Labs\)](#)

**Description:** IC MCU 8BIT 8KB FLASH 32LQFP

**Data sheet:**  [C8051F350-53 Rev0.4](#)

**RoHs Status:** Contains lead / RoHS non-compliant

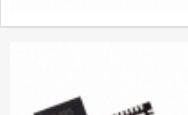
**Ship From:** Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                |                                  |                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------------------------|---------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | C8051F350R                                                                     | Manufacturer                     | <a href="#">Energy Micro (Silicon Labs)</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 8BIT 8KB FLASH 32LQFP                                                   | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5238 pcs                                                                       | Data sheet                       | <a href="#">C8051F350-53 Rev0.4</a>         |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                      | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 3.6 V                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 32-LQFP (7x7)                                                                  | Speed                            | 50MHz                                       |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | C8051F35x                                                                      | RAM Size                         | 768 x 8                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                                                          | Program Memory Size              | 8KB (8K x 8)                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | POR, PWM, Temp Sensor, WDT                                                     | Packaging                        | Tape & Reel (TR)                            |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 32-LQFP                                                                        | Other Names                      | 336-1084-2                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Internal                                                                       | Operating Temperature            | -40°C ~ 85°C (TA)                           |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 17                                                                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                | Contains lead / RoHS non-compliant                                             | EEPROM Size                      | -                                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8051 C8051F35x Microcontroller IC 8-Bit 50MHz 8KB (8K x 8) FLASH 32-LQFP (7x7) | Data Converters                  | A/D 8x24b; D/A 2x8b                         |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8-Bit                                                                          | Core Processor                   | 8051                                        |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART                               | Base Part Number                 | C8051F35                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Energy Micro (Silicon Labs) series electronic components. We have 5238 pieces of Energy Micro (Silicon Labs) C8051F350R in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                |                                  |                                             |

| RELATED PRODUCTS                                                                   |                                                                                      |                                                            |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------|-----|
|  | Part#: <a href="#">C8051F350DK</a><br>Description: DEV KIT FOR F350/351/352/353      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F352R</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F351-GM</a><br>Description: IC MCU 8BIT 8KB FLASH 28MLP      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F34B-GQR</a><br>Description: IC MCU 8BIT 32KB FLASH 32LQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F34D-GQ</a><br>Description: IC MCU 8BIT 64KB FLASH 32LQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F353-GM</a><br>Description: IC MCU 8BIT 8KB FLASH 28MLP      | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F351R</a><br>Description: IC MCU 8BIT 8KB FLASH 28MLP        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F350-GQ</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F353</a><br>Description: IC MCU 8BIT 8KB FLASH 28MLP         | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F351-GMR</a><br>Description: IC MCU 8BIT 8KB FLASH 28MLP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F350-TB-K</a><br>Description: PROTOTYPINGBOARDWITH C8051F350 | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F352-GQ</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP     | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F350-GQR</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F34D-GQR</a><br>Description: IC MCU 8BIT 64KB FLASH 32LQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F351</a><br>Description: IC MCU 8BIT 8KB FLASH 28MLP         | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F34C-GQ</a><br>Description: IC MCU 8BIT 64KB FLASH 48TQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F34C-GQR</a><br>Description: IC MCU 8BIT 64KB FLASH 48TQFP   | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F352-GQR</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP    | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F352</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |
|  | Part#: <a href="#">C8051F350</a><br>Description: IC MCU 8BIT 8KB FLASH 32LQFP        | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a> | RFQ |

| Related keywords for C8051F350R        |                         |                                        |                                 |
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