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|  | <h2 style="color: red;">C8051F542-IMR</h2> | |
| | Manufacturer Part Number: | C8051F542-IMR |
|  | Manufacturer/Brand: | Energy Micro (Silicon Labs) |
| | Part of Description: | IC MCU 8BIT 16KB FLASH 24QFN |
| Datasheets: | 1.C8051F542-IMR.pdf 2.C8051F542-IMR.pdf | |
| RoHs Status: |  Lead free / RoHS | |
| Stock Condition: | Compliant New original, Stock Available. | |
| Ship From: | Hong Kong | |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS | |

Specifications

| | |
|----------------------------|--|
| Part Number | C8051F542-IMR |
| Manufacturer | Energy Micro (Silicon Labs) |
| Description | IC MCU 8BIT 16KB FLASH 24QFN |
| Category | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status | Require For Quote & Check Stock |
| Series | C8051F54x |
| Operating Temperature | -40°C ~ 125°C (TA) |
| Package / Case | 24-WFQFN Exposed Pad |
| Supplier Device Package | 24-QFN (4x4) |
| Peripherals | POR, PWM, Temp Sensor, WDT |
| Core Processor | 8051 |
| Speed | 50MHz |
| Number of I/O | 18 |
| EEPROM Size | - |
| RAM Size | 1.25K x 8 |
| Core Size | 8-Bit |
| Connectivity | SMBus (2-Wire/I ² C), LIN, SPI, UART/USART |
| Program Memory Size | 16KB (16K x 8) |
| Program Memory Type | FLASH |
| Voltage - Supply (Vcc/Vdd) | 1.8 V ~ 5.25 V |
| Data Converters | A/D 18x12b |
| Oscillator Type | Internal |
| Packaging | Tape & Reel (TR) |

C8051F542-IMR is New Original in Stock, Search C8051F542-IMR Datasheets, PDF, Inventory at Y-IC.com Online, Order C8051F542-IMR Energy Micro (Silicon Labs) with warrantied and confidence. RFQ C8051F542-IMR : Info@Y-IC.com

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|  <p>C8051F543-IM Energy Micro (Silicon Labs) IC MCU 8BIT 16KB FLASH 24QFN</p> |  <p>C8051F541-IM Energy Micro (Silicon Labs) IC MCU 8BIT 16KB FLASH 32QFN</p> |  <p>C8051F541-IQ Energy Micro (Silicon Labs) IC MCU 8BIT 16KB FLASH 32LQFP</p> |  <p>C8051F541-IQR Energy Micro (Silicon Labs) IC MCU 8BIT 16KB FLASH 32LQFP</p> |
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|---------------------|---------------------|------------------------|--------------------|------------------------|
| ⊛ 08055A510JAQ2A | ↔ 2225AC102MAT1A\SB | ⇒ AD116S12KEF | D AP130-35RL-7 | ⇒ APR9301-V2 |
| ⊣ AUIRLL024ZTR | ⊛ BV28-48-750 | D CGA3E3X5R1V224K080AB | ⇒ DBS150A24 | ⇒ DL5817-7-F |
| ⊛ FQA19N20L | ⊣ GDZ2V7B-V-GS08 | ⊛ GRM1555C1HR70BZ01D | ↔ GSOT24C-E3-18 | ⇒ HLE-104-02-L-DV-BE-K |
| D ICS650R-21LFT | ⊛ ISL88013IH523Z | ⊣ JS28F640J3D75 | ⊛ K1351VC650 | ⇒ LCDP1511DRL |
| ⇒ LM2931AMX-5.0NOPB | ↔ LMK325BJ475MD-T | ⊛ LT1118CST-5#TR | ⊣ LTC3208EUH#TRPBF | ⇒ LTC3615IFE#PBF |
| ↔ MAX810M-4.38 | ⇒ MAX9502GAAXK+T | D MC10198L | ⊛ MCP810M3X-4.63 | ⊣ MX29F800TTC-90 |
| ⊛ NF4035A-BY | D NP40N10PDF | ⇒ OPA658UA/2K2 | ↔ PD200FG120 | ⇒ RB068MM-30 |
| ⊣ RC0201FR-07510RL | ⊛ S-75V00ANC-5V1-TF | ↔ SDR0604-470KL | ⇒ SI1303DL-TL-E3 | ⇒ SN74LS51D |
| ⊛ SS8050M-C | ⊣ STAC9723T-AB4 | ⊛ T700182504BY | D TL322IDR | ⇒ TMV985B0035B |
| ↔ TT330N02K0F | ⊛ TZMB33-GS08 | ⊣ UVK105CG0R5BW-F | ⊛ VI-JW4-MW | ⇒ W8405ZC080 |

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