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|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div></div> <div>Image may be representation.<br/>See specs for product details.</div> | <div>C8051F530-C-IM</div> <div><div>Manufacturer Part Number:</div><div>C8051F530-C-IM</div></div> <div><div>Manufacturer/Brand:</div><div>Energy Micro (Silicon Labs)</div></div> <div><div>Part of Description:</div><div>IC MCU 8BIT 8KB FLASH 20DFN</div></div> <div><div>Datasheets:</div><div> <a href="#">C8051F530-C-IM.pdf</a></div></div> <div><div>RoHs Status:</div><div> Lead free / RoHS</div></div> <div><div>Stock Condition:</div><div>Compliant<br/>New original, 2547 pcs Stock Available.</div></div> <div><div>Ship From:</div><div>Hong Kong</div></div> <div><div>Shipment Way:</div><div>DHL/Fedex/TNT/UPS/EMS</div></div> |
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| Specifications             |                                                         |
|----------------------------|---------------------------------------------------------|
| Part Number                | C8051F530-C-IM                                          |
| Manufacturer               | Energy Micro (Silicon Labs)                             |
| Description                | IC MCU 8BIT 8KB FLASH 20DFN                             |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | 2547 pcs Stock                                          |
| Voltage - Supply (Vcc/Vdd) | 2 V ~ 5.25 V                                            |
| Speed                      | 25MHz                                                   |
| Series                     | C8051F53x                                               |
| RAM Size                   | 256 x 8                                                 |
| Program Memory Type        | FLASH                                                   |
| Program Memory Size        | 8KB (8K x 8)                                            |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT      |
| Packaging                  | Tray                                                    |
| Package / Case             | 20-VFQFN Exposed Pad                                    |
| Oscillator Type            | Internal                                                |
| Operating Temperature      | -40°C ~ 125°C (TA)                                      |
| Number of I/O              | 16                                                      |
| EEPROM Size                | -                                                       |
| Data Converters            | A/D 16x12b                                              |
| Core Size                  | 8-Bit                                                   |
| Core Processor             | 8051                                                    |
| Connectivity               | LIN, SPI, UART/USART                                    |
|                            |                                                         |

You May Be Also Be interested

|                                                                                                                                                                                                  |                                                                                                                                                                                  |                                                                                                                                                                                     |                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>In:</div> <div></div> <div><b>C8051F530-C-IMR</b><br/>Silicon Labs<br/>IC MCU 8BIT 8KB FLASH 20DFN</div> | <div></div> <div><b>C8051F527A-IM</b><br/>Silicon Labs<br/>IC MCU 8BIT 2KB FLASH 10DFN</div>  | <div></div> <div><b>C8051F530-C-IT</b><br/>Silicon Labs<br/>IC MCU 8BIT 8KB FLASH 20TSSOP</div> | <div></div> <div><b>C8051F530</b><br/>Silicon<br/>C8051F530 Silicon</div>                        |
| <div></div> <div><b>C8051F527A IC</b><br/>SILICON LABS<br/>SILICON LABS QFN</div>                             | <div></div> <div><b>C8051F530-IT</b><br/>Silicon Labs<br/>IC MCU 8BIT 8KB FLASH 20TSSOP</div> | <div></div> <div><b>C8051F527A-IMR</b><br/>Silicon Labs<br/>IC MCU 8BIT 2KB FLASH 10DFN</div>   | <div></div> <div><b>C8051F530-C-ITR</b><br/>Silicon Labs<br/>IC MCU 8BIT 8KB FLASH 20TSSOP</div> |

C8051F530-C-IM Related keyword

More

|                                            |                             |                            |                      |                             |
|--------------------------------------------|-----------------------------|----------------------------|----------------------|-----------------------------|
| C8051F530-C-IM Energy Micro (Silicon Labs) | C8051F530-C-IM Data Sheet   | C8051F530-C-IM Datasheets  | C8051F530-C-IM PDF   | Energy Micro (Silicon Labs) |
| C8051F530-C-IM Electronic                  | C8051F530-C-IM Components   | C8051F530-C-IM Distributor | C8051F530-C-IM Image | C8051F530-C-IM              |
| C8051F530-C-IM Price                       | C8051F530-C-IM Manufacturer | C8051F530-C-IM Picture     | C8051F530-C-IM Stock | C8051F530-C-IM Part         |
| C8051F530-C-IM New                         | C8051F530-C-IM Original     | C8051F530-C-IM Warranted   | C8051F530-C-IM RFQ   | C8051F530-C-IM Inventory    |
|                                            |                             |                            |                      | C8051F530-C-IM Order Online |