

NXP Semiconductors / Freescale

MCF5271CAB100

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCF5271CAB100                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT ROMLESS 160QFP                                                                                  |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4922 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MCF5271CAB100

|                                  |                                                                              |
|----------------------------------|------------------------------------------------------------------------------|
| PART NUMBER                      | MCF5271CAB100                                                                |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                               |
| DESCRIPTION                      | IC MCU 32BIT ROMLESS 160QFP                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                   |
| QUANTITY AVAILABLE               | 4922 pcs                                                                     |
| DATA SHEET                       |                                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.4 V ~ 3.6 V                                                                |
| SUPPLIER DEVICE PACKAGE          | 160-QFP (28x28)                                                              |
| SPEED                            | 100MHz                                                                       |
| SERIES                           | MCF527x                                                                      |
| RAM SIZE                         | 64K x 8                                                                      |
| PROGRAM MEMORY TYPE              | ROMless                                                                      |
| PROGRAM MEMORY SIZE              | -                                                                            |
| PERIPHERALS                      | DMA, WDT                                                                     |
| PACKAGING                        | Tray                                                                         |
| PACKAGE / CASE                   | 160-BQFP                                                                     |
| OSCILLATOR TYPE                  | External                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                            |
| NUMBER OF I/O                    | 39                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                   |
| EEPROM SIZE                      | -                                                                            |
| DETAILED DESCRIPTION             | Coldfire V2 MCF527x Microcontroller IC 32-Bit 100MHz ROMless 160-QFP (28x28) |
| DATA CONVERTERS                  | -                                                                            |
| CORE SIZE                        | 32-Bit                                                                       |
| CORE PROCESSOR                   | Coldfire V2                                                                  |
| CONNECTIVITY                     | EBI/EMI, Ethernet, I²C, SPI, UART/USART                                      |
| BASE PART NUMBER                 | MCF5271                                                                      |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MCF5271CAB100               | MCF5271CAB100 Distributor        | MCF5271CAB100 Supplier  |
| MCF5271CAB100 Price         | MCF5271CAB100 Pictures           | MCF5271CAB100 Image     |
| MCF5271CAB100 PDF Datasheet | MCF5271CAB100 Download Datasheet | MCF5271CAB100 Datasheet |
| MCF5271CAB100 Stock         | Buy MCF5271CAB100                | Buy MCF5271CAB100       |
| MCF5271CAB100               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                               |                                                                                      |                                                                                                                                 |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MCF5270CAB100</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 160QFP<br>In stock: 3271 pcs<br><b>RFQ</b>    |  | <b>MCF5271CVM100J</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 196MAPBGA<br>In stock: 5304 pcs<br><b>RFQ</b>  |
|  | <b>MCF5270VM100</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 196MAPBGA<br>In stock: 4345 pcs<br><b>RFQ</b>  |  | <b>MCF5272CVF66J</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 196MAPBGA<br>In stock: 5884 pcs<br><b>RFQ</b>   |
|  | <b>MCF5270CVM150</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 196MAPBGA<br>In stock: 6516 pcs<br><b>RFQ</b> |  | <b>MCF5270CVM150J</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 196MAPBGA<br>In stock: 3243 pcs<br><b>RFQ</b>  |
|  | <b>MCF5272CVF66</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 16KB ROM 196MAPBGA<br>In stock: 6548 pcs<br><b>RFQ</b> |  | <b>MCF5270CVM150R2</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 196MAPBGA<br>In stock: 6492 pcs<br><b>RFQ</b> |
|  | <b>MCF5271CVM100</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 196MAPBGA<br>In stock: 4840 pcs<br><b>RFQ</b> |  | <b>MCF5271CVM150</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 196MAPBGA<br>In stock: 4631 pcs<br><b>RFQ</b>   |
|  | <b>MCF5270VM100J</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 196MAPBGA<br>In stock: 4773 pcs<br><b>RFQ</b> |  | <b>MCF5271CVM150J</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 196MAPBGA<br>In stock: 4772 pcs<br><b>RFQ</b>  |