

PCF52254CAF66



Part Number: [PCF52254CAF66](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 100LQFP

Data sheet:  [MCF52259](#)

RoHs Status: Lead free / RoHS Compliant

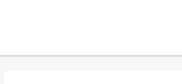
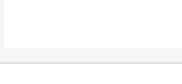
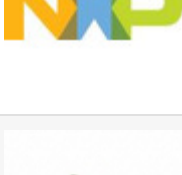
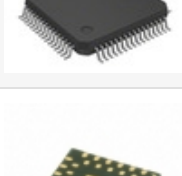
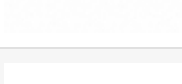
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PCF52254CAF66                             | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                               |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 32BIT 512KB FLASH 100LQFP          | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4627 pcs                                  | Data sheet                     | <a href="#">MCF52259</a>                                                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 3.6 V                                                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 100-LQFP (14x14)                          | Speed                          | 66MHz                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MCF5225x                                  | RAM Size                       | 64K x 8                                                                                      |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                     | Program Memory Size            | 512KB (512K x 8)                                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | DMA, LVD, POR, PWM, WDT                   | Packaging                      | Tray                                                                                         |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 100-LQFP                                  | Oscillator Type                | Internal                                                                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C (TA)                         | Number of I/O                  | 56                                                                                           |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                   |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Detailed Description           | Coldfire V2 MCF5225x Microcontroller IC 32-Bit 66MHz 512KB (512K x 8) FLASH 100-LQFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A/D 8x12b                                 | Core Size                      | 32-Bit                                                                                       |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Coldfire V2                               | Connectivity                   | CANbus, Ethernet, I²C, QSPI, UART/USART, USB OTG                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | PCF52254                                  |                                |                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                                     |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PCF51QU64VLF</a><br>Description: IC MCU 32BIT 64KB FLASH 48LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF6EI-X</a><br>Description: FITTING COUPLER PD6 IVORY             | Manufacturers: <a href="#">Panduit</a>                              | <div>RFQ</div> |
|  | Part#: <a href="#">PCF51QU128VLH</a><br>Description: IC MCU 32BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF52255CAF80</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF52258CAG66</a><br>Description: IC MCU 32BIT 512KB FLASH 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF52252CAF66</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF52258AG80</a><br>Description: IC MCU 32BIT 512KB FLASH 144LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF6030L</a><br>Description: DIE TRANS N-CH 30V LOGIC POWER        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCF52274CLU120</a><br>Description: IC MCU 32BIT ROMLESS 176LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF52256CAG66</a><br>Description: IC MCU 32BIT 256KB FLASH 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF6680AS</a><br>Description: DIE TRANS MOSFET N-CH 30V            | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCF52259CAG80</a><br>Description: IC MCU 32BIT 512KB FLASH 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF51QM32VFM</a><br>Description: IC MCU 32BIT 32KB FLASH 32QFN     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF6IW-X</a><br>Description: FITTING COUPLER PD6 OFF WHITE         | Manufacturers: <a href="#">Panduit</a>                              | <div>RFQ</div> |
|  | Part#: <a href="#">PCF52254AF80</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF51QU128VHS</a><br>Description: IC MCU 32BIT 128KB FLASH 44LGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF52252AF80</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF51QM128VLH</a><br>Description: IC MCU 32BIT 128KB FLASH 64LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF51QM128VHS</a><br>Description: IC MCU 32BIT 128KB FLASH 44LGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">PCF51QM64VLF</a><br>Description: IC MCU 32BIT 64KB FLASH 48LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |

Related keywords for PCF52254CAF66

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