

NXP Semiconductors / Freescale

PCF52255CAF80

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PCF52255CAF80                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 512KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 6229 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

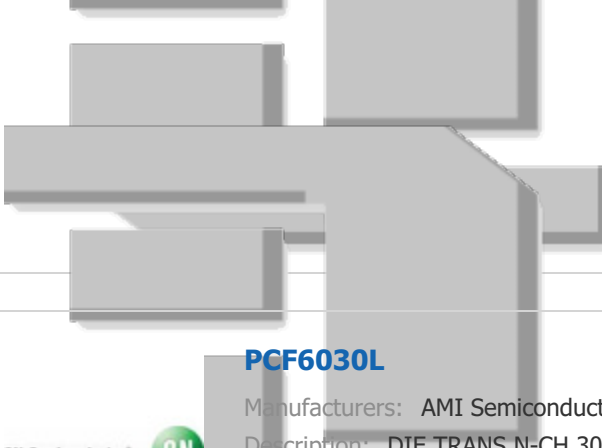
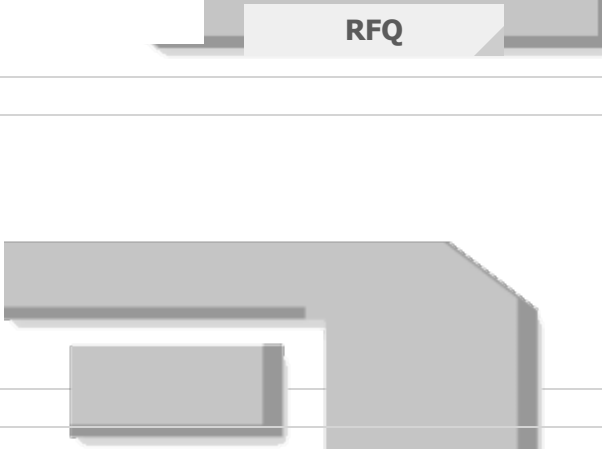
Specifications of PCF52255CAF80

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| PART NUMBER                      | PCF52255CAF80                                                                                |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                               |
| DESCRIPTION                      | IC MCU 32BIT 512KB FLASH 100LQFP                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                   |
| QUANTITY AVAILABLE               | 6229 pcs                                                                                     |
| DATA SHEET                       |                                                                                              |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                             |
| SPEED                            | 80MHz                                                                                        |
| 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 80MHz 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                 | PCF52255                                                                                     |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| PCF52255CAF80               | PCF52255CAF80 Distributor        | PCF52255CAF80 Supplier  |
| PCF52255CAF80 Price         | PCF52255CAF80 Pictures           | PCF52255CAF80 Image     |
| PCF52255CAF80 PDF Datasheet | PCF52255CAF80 Download Datasheet | PCF52255CAF80 Datasheet |
| PCF52255CAF80 Stock         | Buy PCF52255CAF80                | Buy PCF52255CAF80       |
| PCF52255CAF80               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                           |                                                                                      |                                                                                                                                                                      |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>PCF51QU128VLH</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 3179 pcs</p> <p>RFQ</p>  |  | <p><b>PCF52256CAG66</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 144LQFP<br/>In stock: 4257 pcs</p> <p>RFQ</p>                            |
|  | <p><b>PCF52252AF80</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5205 pcs</p> <p>RFQ</p>  |  | <p><b>PCF52258CAG66</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 6271 pcs</p> <p>RFQ</p>                            |
|  | <p><b>PCF52252CAF66</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br/>In stock: 5684 pcs</p> <p>RFQ</p> |  | <p><b>PCF52274CLU120</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT ROMLESS 176LQFP<br/>In stock: 4617 pcs</p> <p>RFQ</p>                               |
|  | <p><b>PCF52258AG80</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 5550 pcs</p> <p>RFQ</p>  |  | <p><b>PCF6030L</b></p> <p>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: DIE TRANS N-CH 30V LOGIC POWER<br/>In stock: 22071 pcs</p> <p>RFQ</p> |
|  | <p><b>PCF52254AF80</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 2908 pcs</p> <p>RFQ</p>  |  | <p><b>PCF52259CAG80</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 144LQFP<br/>In stock: 6050 pcs</p> <p>RFQ</p>                            |
|  | <p><b>PCF52254CAF66</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 512KB FLASH 100LQFP<br/>In stock: 6468 pcs</p> <p>RFQ</p> |  | <p><b>PCF51QU64VLF</b></p> <p>Manufacturers: NXP<br/>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br/>In stock: 4512 pcs</p> <p>RFQ</p>                               |