

NXP Semiconductors / Freescale

MCF5214CVF66J

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCF5214CVF66J                                                                                                        |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 32BIT 256KB FLASH 256BGA                                                                                      |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 6697 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

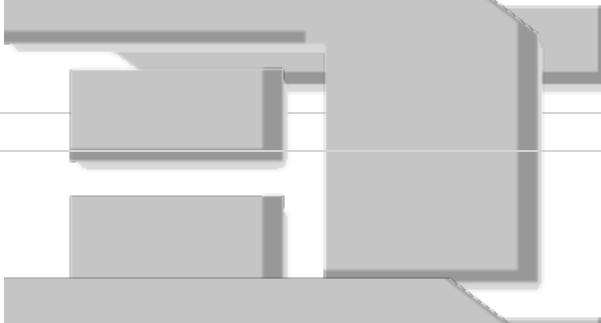
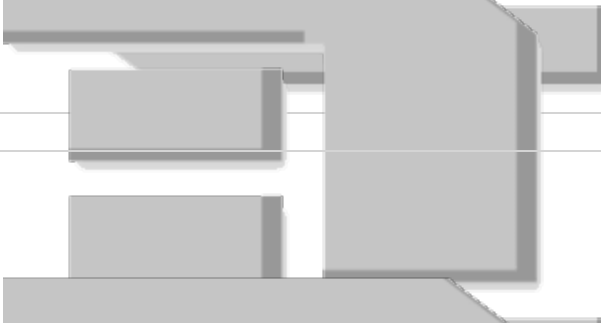
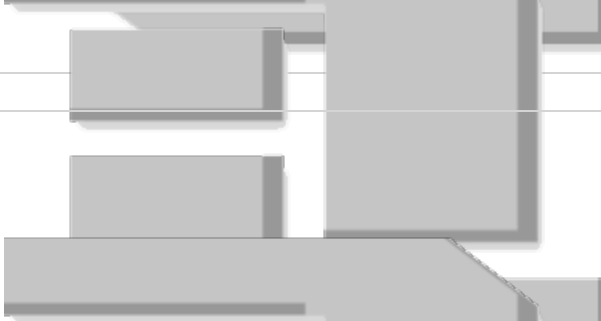
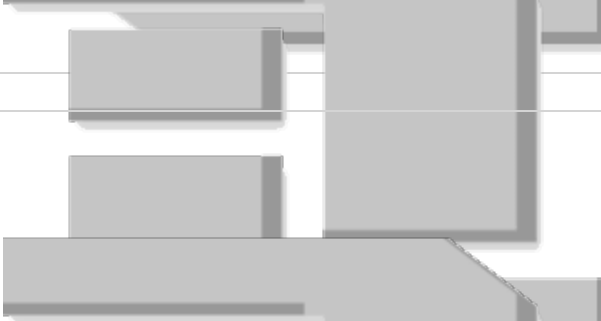
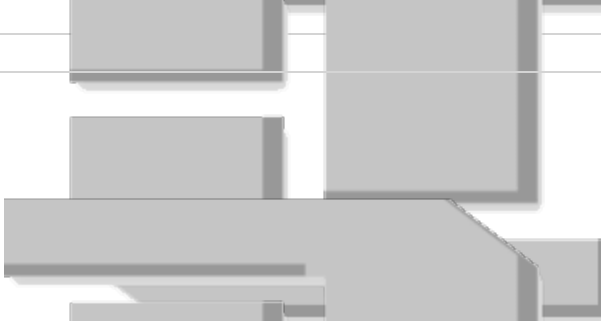
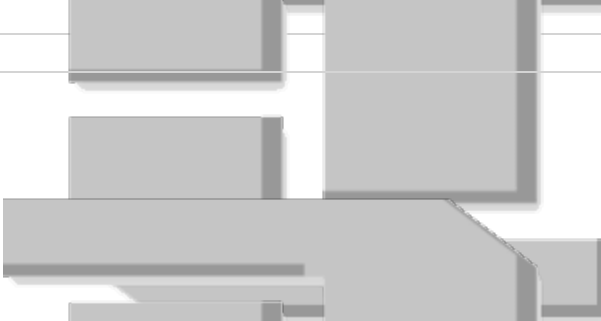
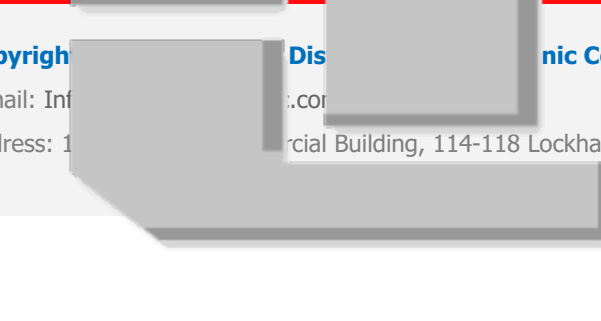
Specifications of MCF5214CVF66J

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | MCF5214CVF66J                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                        |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 256BGA                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                    |
| QUANTITY AVAILABLE               | 6697 pcs                                                                              |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.7 V ~ 3.6 V                                                                         |
| SUPPLIER DEVICE PACKAGE          | 256-MAPBGA                                                                            |
| SPEED                            | 66MHz                                                                                 |
| SERIES                           | MCF521x                                                                               |
| RAM SIZE                         | 64K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                 |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                      |
| PERIPHERALS                      | DMA, LVD, POR, PWM, WDT                                                               |
| PACKAGING                        | Tray                                                                                  |
| PACKAGE / CASE                   | 256-LBGA                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                     |
| NUMBER OF I/O                    | 142                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                    |
| EEPROM SIZE                      | -                                                                                     |
| DETAILED DESCRIPTION             | Coldfire V2 MCF521x Microcontroller IC 32-Bit 66MHz 256KB (256K x 8) FLASH 256-MAPBGA |
| DATA CONVERTERS                  | A/D 8x12b                                                                             |
| CORE SIZE                        | 32-Bit                                                                                |
| CORE PROCESSOR                   | Coldfire V2                                                                           |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, SPI, UART/USART                                    |
| BASE PART NUMBER                 | MCF5214                                                                               |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MCF5214CVF66J               | MCF5214CVF66J Distributor        | MCF5214CVF66J Supplier  |
| MCF5214CVF66J Price         | MCF5214CVF66J Pictures           | MCF5214CVF66J Image     |
| MCF5214CVF66J PDF Datasheet | MCF5214CVF66J Download Datasheet | MCF5214CVF66J Datasheet |
| MCF5214CVF66J Stock         | Buy MCF5214CVF66J                | Buy MCF5214CVF66J       |
| MCF5214CVF66J               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                                |                                                                                      |                                                                                                                                |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MCF5213CAF80</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 100LQFP<br>In stock: 4273 pcs<br><b>RFQ</b> |  | <b>MCF5213LCVM80</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 81BGA<br>In stock: 8680 pcs<br><b>RFQ</b>  |
|  | <b>MCF5216CVM66J</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 256BGA<br>In stock: 5534 pcs<br><b>RFQ</b> |  | <b>MCF5216CVF66J</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 256BGA<br>In stock: 5039 pcs<br><b>RFQ</b> |
|  | <b>MCF52210CAE66</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 5626 pcs<br><b>RFQ</b>  |  | <b>MCF5216CVM66</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 256BGA<br>In stock: 2395 pcs<br><b>RFQ</b>  |
|  | <b>MCF5213LCVM66J</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 81BGA<br>In stock: 3792 pcs<br><b>RFQ</b> |  | <b>MCF5214CVM66</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 256BGA<br>In stock: 4247 pcs<br><b>RFQ</b>  |
|  | <b>MCF5216CVF66</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 512KB FLASH 256BGA<br>In stock: 3152 pcs<br><b>RFQ</b>  |  | <b>MCF5214CVF66</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 256BGA<br>In stock: 3257 pcs<br><b>RFQ</b>  |
|  | <b>MCF5213LCVM66</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 81BGA<br>In stock: 8962 pcs<br><b>RFQ</b>  |  | <b>MCF5213LCVM80J</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 81BGA<br>In stock: 5142 pcs<br><b>RFQ</b> |