

NXP Semiconductors / Freescale



MC9S12GC96MPBER

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12GC96MPBER                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 96KB FLASH 52LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3464 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

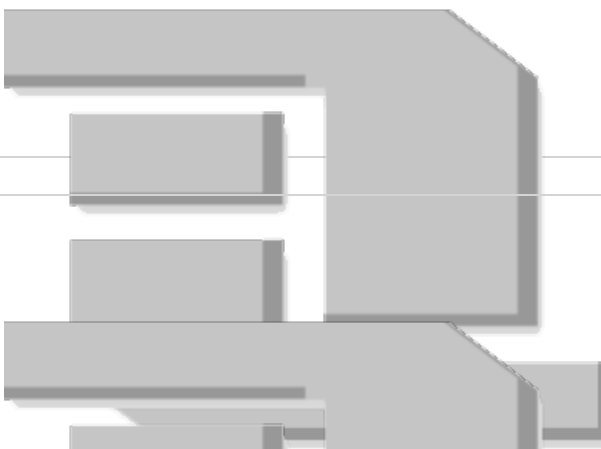
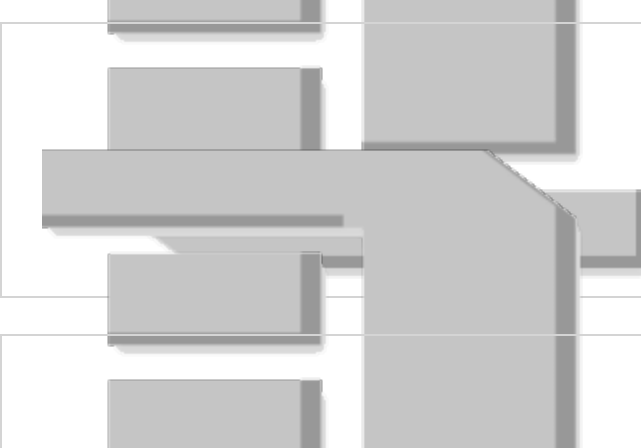
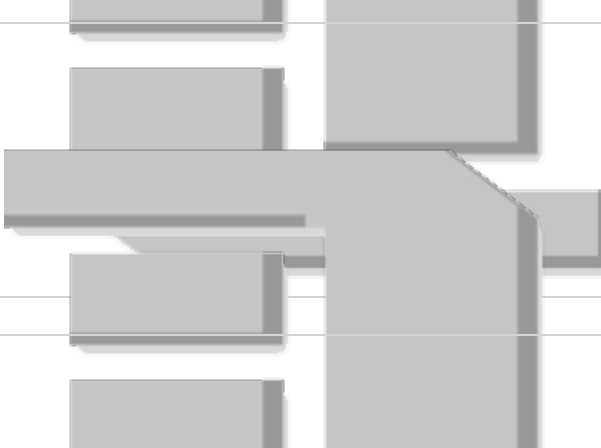
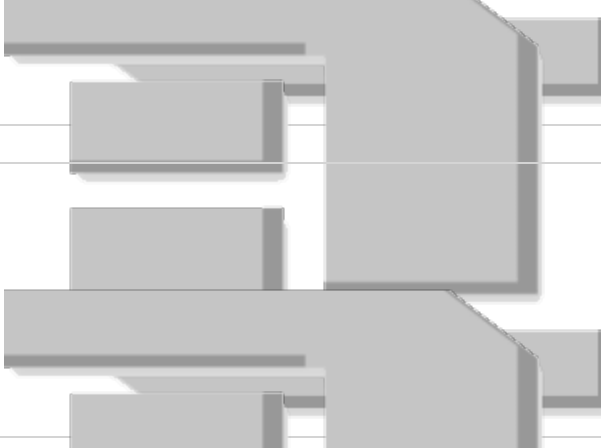
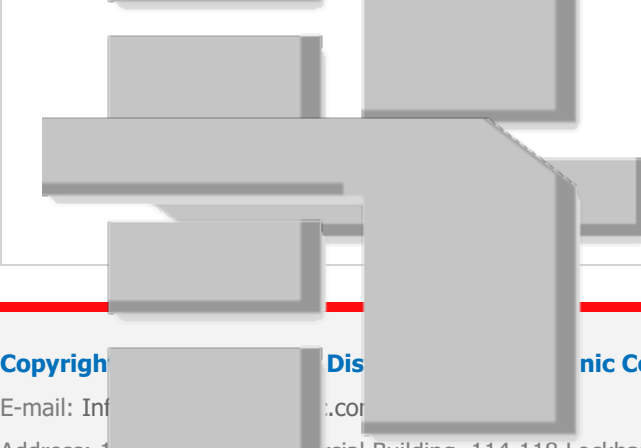
Specifications of MC9S12GC96MPBER

|                                  |                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12GC96MPBER                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                   |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 52LQFP                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| QUANTITY AVAILABLE               | 3464 pcs                                                                         |
| DATA SHEET                       |                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 5.5 V                                                                   |
| SUPPLIER DEVICE PACKAGE          | 52-TQFP (10x10)                                                                  |
| SPEED                            | 25MHz                                                                            |
| SERIES                           | HCS12                                                                            |
| RAM SIZE                         | 4K x 8                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                            |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                   |
| PERIPHERALS                      | POR, PWM, WDT                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                 |
| PACKAGE / CASE                   | 52-LQFP                                                                          |
| OSCILLATOR TYPE                  | Internal                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                               |
| NUMBER OF I/O                    | 35                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                       |
| EEPROM SIZE                      | -                                                                                |
| DETAILED DESCRIPTION             | HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 96KB (96K x 8) FLASH 52-TQFP (10x10) |
| DATA CONVERTERS                  | A/D 8x10b                                                                        |
| CORE SIZE                        | 16-Bit                                                                           |
| CORE PROCESSOR                   | HCS12                                                                            |
| CONNECTIVITY                     | EBI/EMI, SCI, SPI                                                                |
| BASE PART NUMBER                 | MC9S12GC96                                                                       |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MC9S12GC96MPBER               | MC9S12GC96MPBER Distributor        | MC9S12GC96MPBER Supplier  |
| MC9S12GC96MPBER Price         | MC9S12GC96MPBER Pictures           | MC9S12GC96MPBER Image     |
| MC9S12GC96MPBER PDF Datasheet | MC9S12GC96MPBER Download Datasheet | MC9S12GC96MPBER Datasheet |
| MC9S12GC96MPBER Stock         | Buy MC9S12GC96MPBER                | Buy MC9S12GC96MPBER       |
| MC9S12GC96MPBER               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                                                                                           |                                                                                      |                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC9S12GC96CFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 96KB FLASH 80QFP<br>In stock: 9239 pcs<br>    |  | <b>MC9S12GC96VPBER</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 96KB FLASH 52LQFP<br>In stock: 3241 pcs<br> |
|  | <b>MC9S12H256VFVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 144LQFP<br>In stock: 3909 pcs<br> |  | <b>MC9S12GC96VFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 96KB FLASH 80QFP<br>In stock: 6078 pcs<br>   |
|  | <b>MC9S12GC96CPBE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 96KB FLASH 52LQFP<br>In stock: 2835 pcs<br>   |  | <b>MC9S12GC96MPBE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 96KB FLASH 52LQFP<br>In stock: 3057 pcs<br>  |
|  | <b>MC9S12H128VFVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 144LQFP<br>In stock: 4099 pcs<br> |  | <b>MC9S12GC96CPBER</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 96KB FLASH 52LQFP<br>In stock: 3212 pcs<br> |
|  | <b>MC9S12H128VPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 6479 pcs<br> |  | <b>MC9S12GC96VPBE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 96KB FLASH 52LQFP<br>In stock: 5834 pcs<br>  |
|  | <b>MC9S12GC96MFAE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br>In stock: 8086 pcs<br>   |  | <b>MC9S12GC96MFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 96KB FLASH 80QFP<br>In stock: 3364 pcs<br>   |

