

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12DG256MPVE                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 256KB FLASH 112LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3032 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

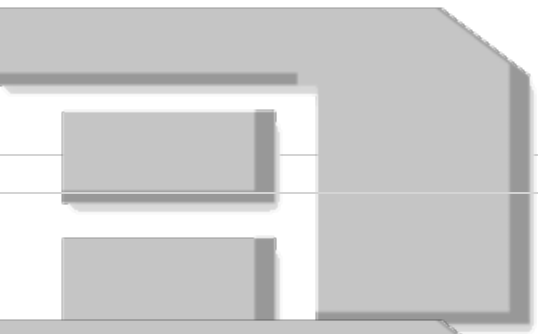
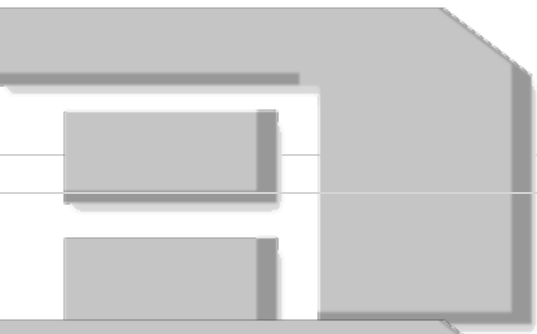
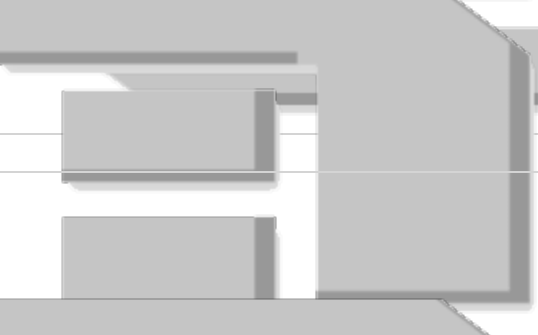
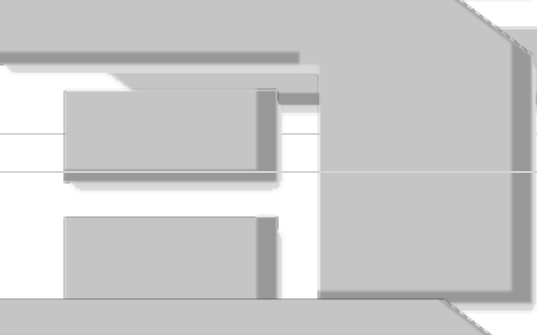
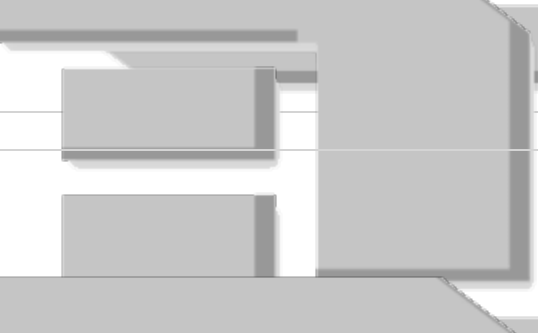
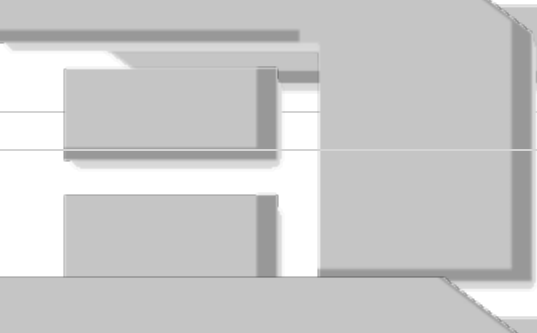
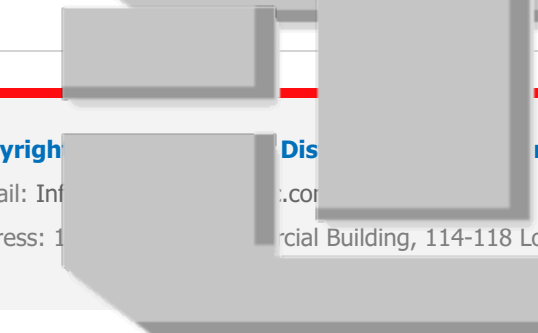
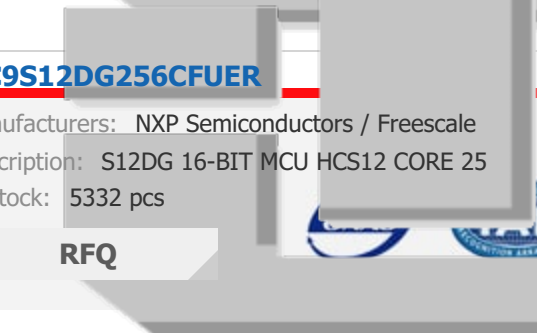
Specifications of MC9S12DG256MPVE

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12DG256MPVE                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                      |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 112LQFP                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| QUANTITY AVAILABLE               | 3032 pcs                                                                            |
| DATA SHEET                       |                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 5.25 V                                                                     |
| SUPPLIER DEVICE PACKAGE          | 112-LQFP (20x20)                                                                    |
| SPEED                            | 25MHz                                                                               |
| SERIES                           | HCS12                                                                               |
| RAM SIZE                         | 12K x 8                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                               |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                    |
| PERIPHERALS                      | PWM, WDT                                                                            |
| PACKAGING                        | Tray                                                                                |
| PACKAGE / CASE                   | 112-LQFP                                                                            |
| OTHER NAMES                      | 935325203557                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                  |
| NUMBER OF I/O                    | 91                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| EEPROM SIZE                      | 4K x 8                                                                              |
| DETAILED DESCRIPTION             | HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 256KB (256K x 8) FLASH 112-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 16x10b                                                                          |
| CORE SIZE                        | 16-Bit                                                                              |
| CORE PROCESSOR                   | HCS12                                                                               |
| CONNECTIVITY                     | CANbus, I²C, SCI, SPI                                                               |
| BASE PART NUMBER                 | MC9S12DG256                                                                         |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MC9S12DG256MPVE               | MC9S12DG256MPVE Distributor        | MC9S12DG256MPVE Supplier  |
| MC9S12DG256MPVE Price         | MC9S12DG256MPVE Pictures           | MC9S12DG256MPVE Image     |
| MC9S12DG256MPVE PDF Datasheet | MC9S12DG256MPVE Download Datasheet | MC9S12DG256MPVE Datasheet |
| MC9S12DG256MPVE Stock         | Buy MC9S12DG256MPVE                | Buy MC9S12DG256MPVE       |
| MC9S12DG256MPVE               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                                                |                                                                                      |                                                                                                                                                                                          |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <div>MC9S12DG256MFUE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 256KB FLASH 80QFP</div> <div>In stock: 2995 pcs</div> <div>RFQ</div>   |  | <div>MC9S12DG256CPVE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 256KB FLASH 112LQFP</div> <div>In stock: 3004 pcs</div> <div>RFQ</div>                           |
|  | <div>MC9S12DJ128CFUE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 128KB FLASH 80QFP</div> <div>In stock: 3960 pcs</div> <div>RFQ</div>   |  | <div>MC9S12DG256CCFV</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 256KB FLASH 80QFP</div> <div>In stock: 3632 pcs</div> <div>RFQ</div>                             |
|  | <div>MC9S12DG256CCPV</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 256KB FLASH 112LQFP</div> <div>In stock: 4017 pcs</div> <div>RFQ</div> |  | <div>MC9S12DJ128BCPV</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 128KB FLASH 112LQFP</div> <div>In stock: 5881 pcs</div> <div>RFQ</div>                           |
|  | <div>MC9S12DJ128CPVE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 128KB FLASH 112LQFP</div> <div>In stock: 3771 pcs</div> <div>RFQ</div> |  | <div>MC9S12DG256VPVE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 256KB FLASH 112LQFP</div> <div>In stock: 3608 pcs</div> <div>RFQ</div>                           |
|  | <div>MC9S12DJ128BCFU</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 128KB FLASH 80QFP</div> <div>In stock: 4145 pcs</div> <div>RFQ</div>   |  | <div>MC9S12DG256VFUE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 256KB FLASH 80QFP</div> <div>In stock: 3587 pcs</div> <div>RFQ</div>                             |
|  | <div>MC9S12DG256CFUE</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 16BIT 256KB FLASH 80QFP</div> <div>In stock: 3230 pcs</div> <div>RFQ</div>   |  | <div>MC9S12DG256CFUER</div> <div>Manufacturers: NXP Semiconductors / Freescale</div> <div>Description: S12DG 16-BIT MCU HCS12 CORE 25</div> <div>In stock: 5332 pcs</div> <div>RFQ</div> |