

NXP Semiconductors / Freescale

MC9S12DP256CCPV

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12DP256CCPV                                                                                                      |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 16BIT 256KB FLASH 112LQFP                                                                                     |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 6956 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

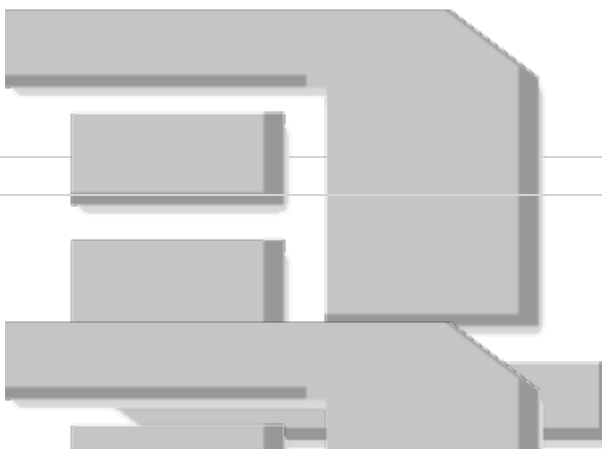
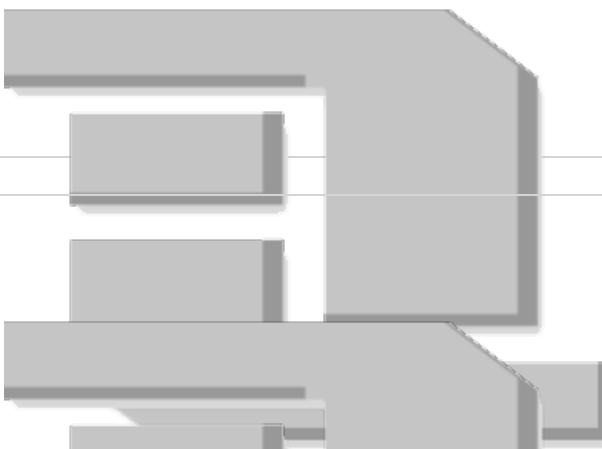
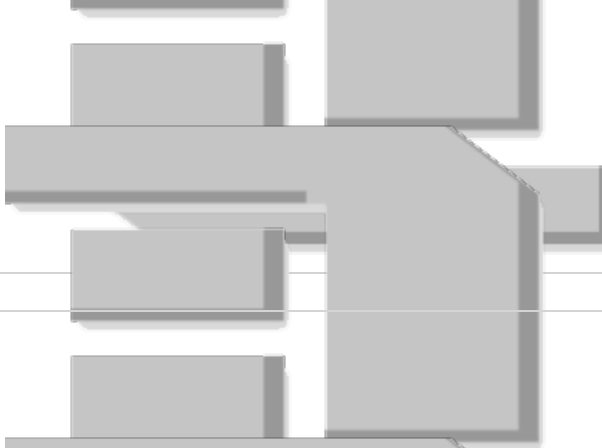
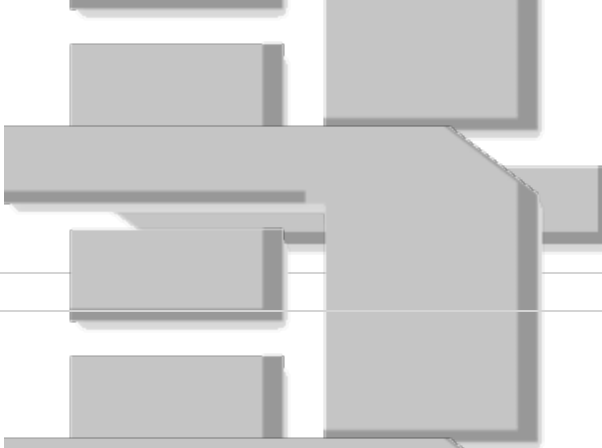
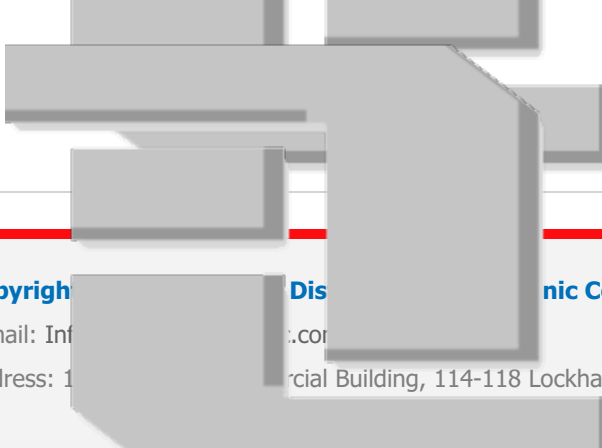
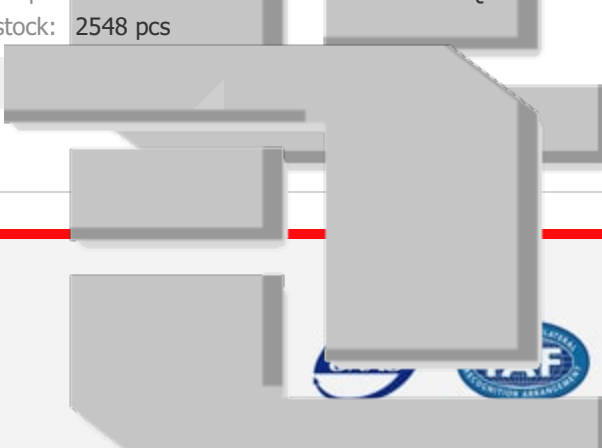
Specifications of MC9S12DP256CCPV

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12DP256CCPV                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                      |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 112LQFP                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                  |
| QUANTITY AVAILABLE               | 6956 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                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                   |
| NUMBER OF I/O                    | 91                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-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                 | MC9S12DP256                                                                         |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MC9S12DP256CCPV               | MC9S12DP256CCPV Distributor        | MC9S12DP256CCPV Supplier  |
| MC9S12DP256CCPV Price         | MC9S12DP256CCPV Pictures           | MC9S12DP256CCPV Image     |
| MC9S12DP256CCPV PDF Datasheet | MC9S12DP256CCPV Download Datasheet | MC9S12DP256CCPV Datasheet |
| MC9S12DP256CCPV Stock         | Buy MC9S12DP256CCPV                | Buy MC9S12DP256CCPV       |
| MC9S12DP256CCPV               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                   |                                                                                      |                                                                                                                                                               |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC9S12DJ64VPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 112LQFP<br>In stock: 4674 pcs<br><b>RFQ</b>   |  | <b>MC9S12DP512CPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 112LQFP<br>In stock: 3117 pcs<br><b>RFQ</b>                             |
|  | <b>MC9S12DJ64VFUER</b><br>Manufacturers: NXP<br>Description: S12DJ 16-BIT MCU HCS12 CORE 64<br>In stock: 6120 pcs<br><b>RFQ</b>   |  | <b>MC9S12DJ64VFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 80QFP<br>In stock: 4822 pcs<br><b>RFQ</b>                                 |
|  | <b>MC9S12DP512VPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 112LQFP<br>In stock: 3724 pcs<br><b>RFQ</b> |  | <b>MC9S12DJ64MFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 80QFP<br>In stock: 5447 pcs<br><b>RFQ</b>                                 |
|  | <b>MC9S12DP512CPV</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 512KB FLASH 112LQFP<br>In stock: 4902 pcs<br><b>RFQ</b>  |  | <b>MC9S12DP512MPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 2506 pcs<br><b>RFQ</b>                             |
|  | <b>MC9S12DJ64MPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 112LQFP<br>In stock: 5561 pcs<br><b>RFQ</b>   |  | <b>MC9S12DP512CPVER</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: IC MCU 16BIT 512KB FLASH 112LQFP<br>In stock: 2548 pcs<br><b>RFQ</b> |
|  | <b>MC9S12DP256BMPV</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 5694 pcs<br><b>RFQ</b> |  | <b>MC9S12DT128BCPV</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 2836 pcs<br><b>RFQ</b>                             |