

NXP Semiconductors / Freescale

MC9S12KG128VPVE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S12KG128VPVE                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 128KB FLASH 112LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4622 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

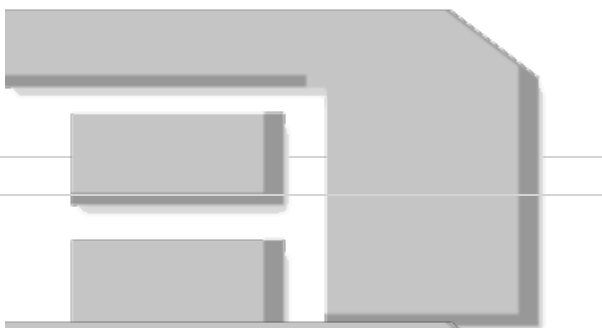
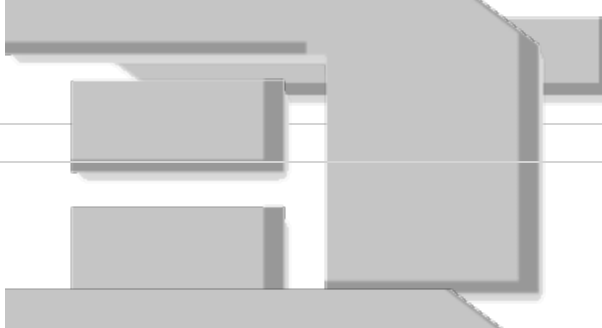
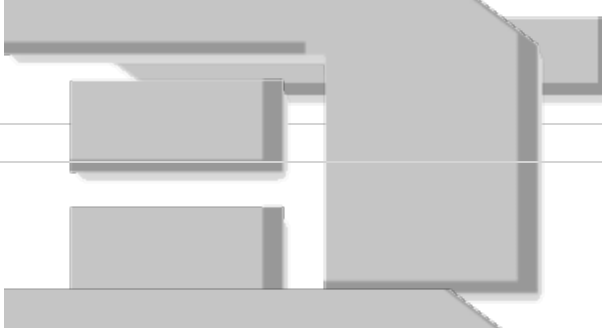
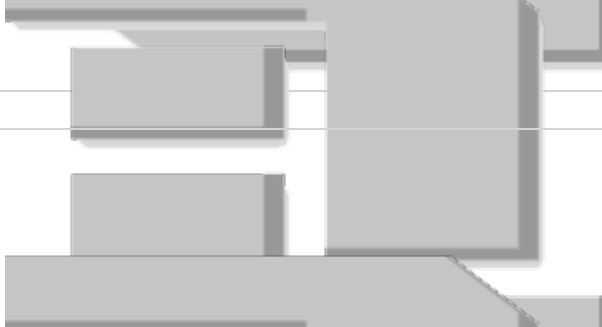
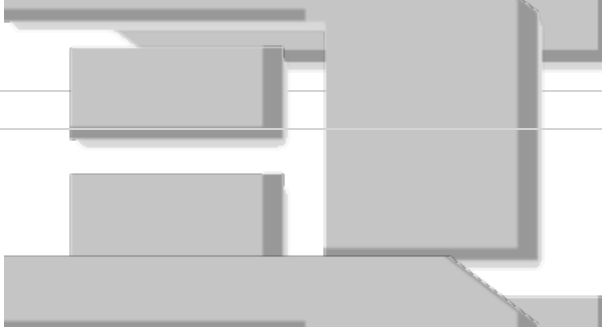
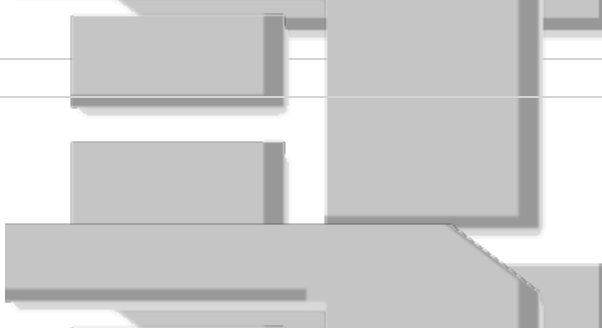
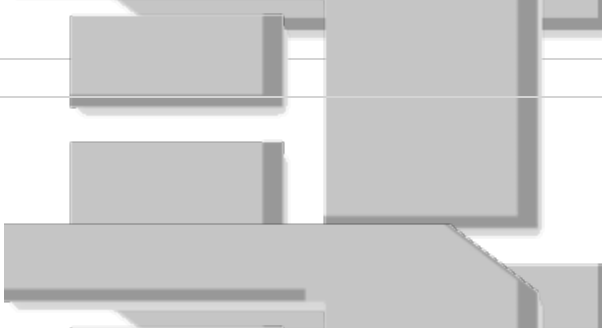
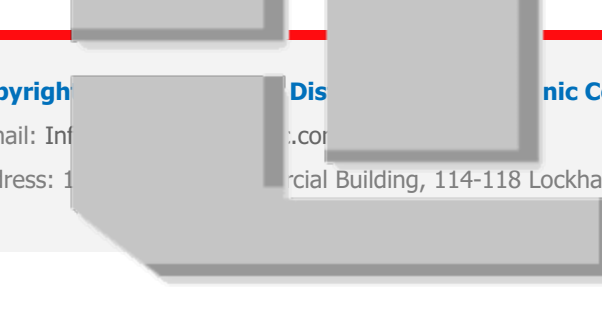
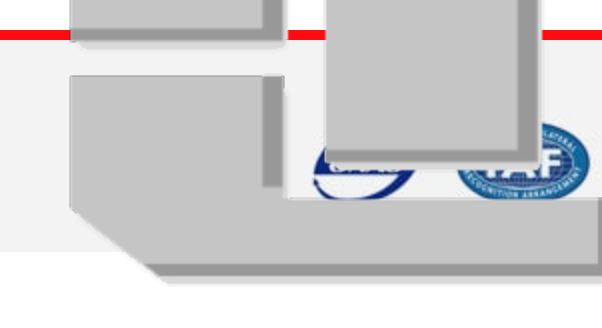
Specifications of MC9S12KG128VPVE

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | MC9S12KG128VPVE                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                      |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 112LQFP                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| QUANTITY AVAILABLE               | 4622 pcs                                                                            |
| DATA SHEET                       |                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 5.5 V                                                                      |
| SUPPLIER DEVICE PACKAGE          | 112-LQFP (20x20)                                                                    |
| SPEED                            | 25MHz                                                                               |
| SERIES                           | HCS12                                                                               |
| RAM SIZE                         | 8K x 8                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                               |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                    |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                  |
| PACKAGING                        | Tray                                                                                |
| PACKAGE / CASE                   | 112-LQFP                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°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                      | 2K x 8                                                                              |
| DETAILED DESCRIPTION             | HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 128KB (128K x 8) FLASH 112-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 16x10b                                                                          |
| CORE SIZE                        | 16-Bit                                                                              |
| CORE PROCESSOR                   | HCS12                                                                               |
| CONNECTIVITY                     | CANbus, EBI/EMI, I²C, SCI, SPI                                                      |
| BASE PART NUMBER                 | MC9S12K128                                                                          |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| MC9S12KG128VPVE               | MC9S12KG128VPVE Distributor        | MC9S12KG128VPVE Supplier  |
| MC9S12KG128VPVE Price         | MC9S12KG128VPVE Pictures           | MC9S12KG128VPVE Image     |
| MC9S12KG128VPVE PDF Datasheet | MC9S12KG128VPVE Download Datasheet | MC9S12KG128VPVE Datasheet |
| MC9S12KG128VPVE Stock         | Buy MC9S12KG128VPVE                | Buy MC9S12KG128VPVE       |
| MC9S12KG128VPVE               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                   |                                                                                      |                                                                                                                                   |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC9S12KG128CPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 3548 pcs<br><b>RFQ</b> |  | <b>MC9S12KG256VPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 7004 pcs<br><b>RFQ</b> |
|  | <b>MC9S12KG128MPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 2800 pcs<br><b>RFQ</b> |  | <b>MC9S12KG256CFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 80QFP<br>In stock: 3652 pcs<br><b>RFQ</b>   |
|  | <b>MC9S12KG128MFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 80QFP<br>In stock: 4721 pcs<br><b>RFQ</b>   |  | <b>MC9S12KG256VFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 80QFP<br>In stock: 4667 pcs<br><b>RFQ</b>   |
|  | <b>MC9S12KG128VFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 80QFP<br>In stock: 6075 pcs<br><b>RFQ</b>   |  | <b>MC9S12H264CAA</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 80QFP<br>In stock: 5688 pcs<br><b>RFQ</b>      |
|  | <b>MC9S12KG256CPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 3025 pcs<br><b>RFQ</b> |  | <b>MC9S12KG256MFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 80QFP<br>In stock: 4580 pcs<br><b>RFQ</b>   |
|  | <b>MC9S12KG128CFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 80QFP<br>In stock: 6638 pcs<br><b>RFQ</b>   |  | <b>MC9S12KG256MPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 5846 pcs<br><b>RFQ</b> |