

NXP Semiconductors / Freescale

S9S12G128F0MLL

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S9S12G128F0MLL                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 128KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 16142 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

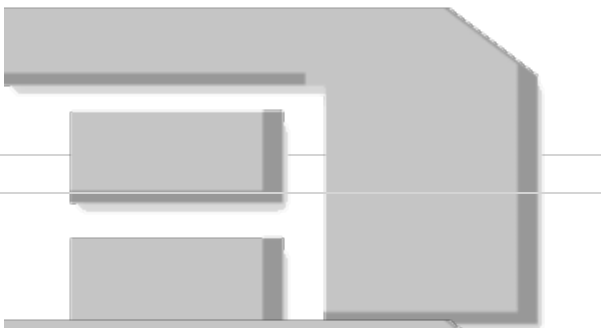
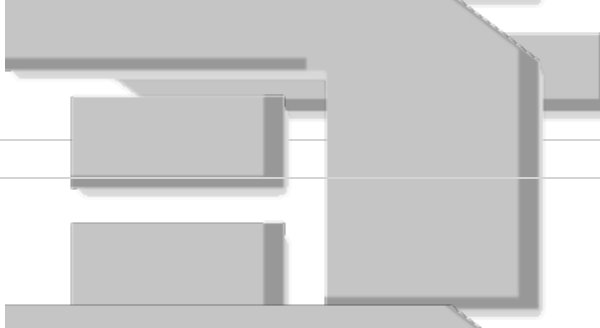
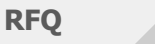
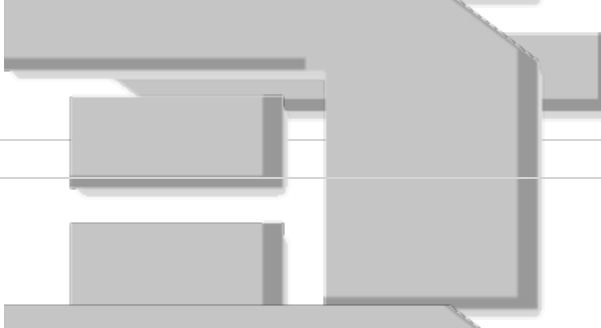
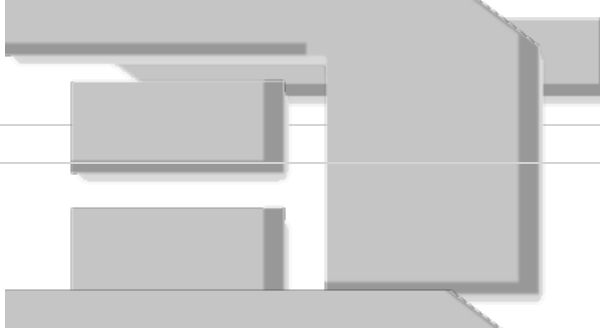
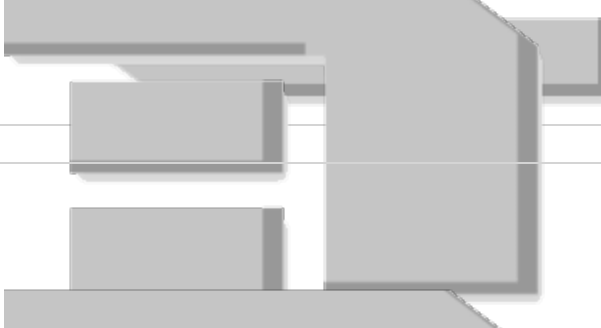
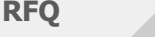
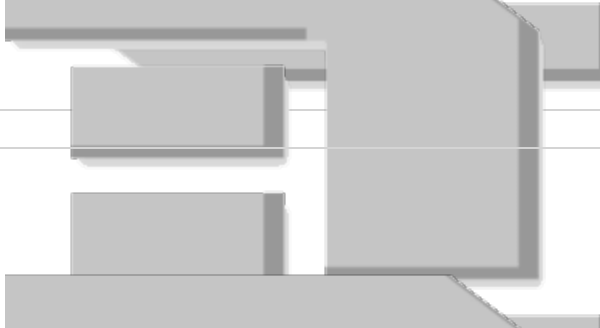
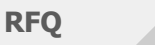
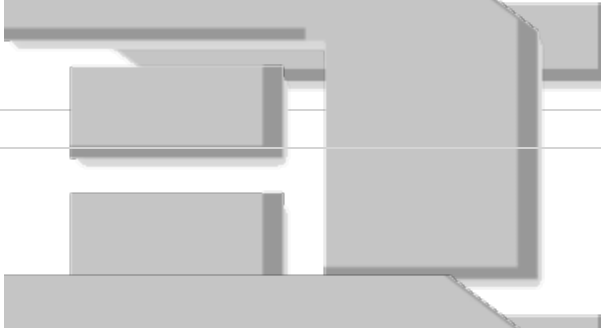
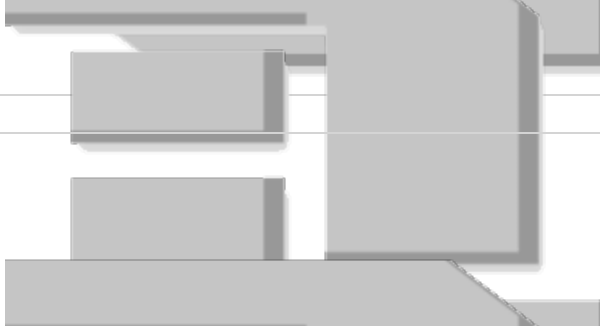
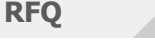
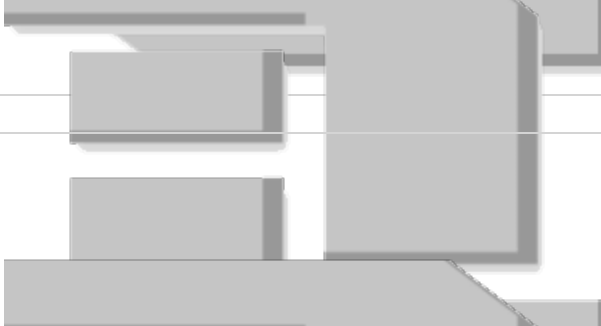
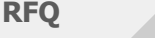
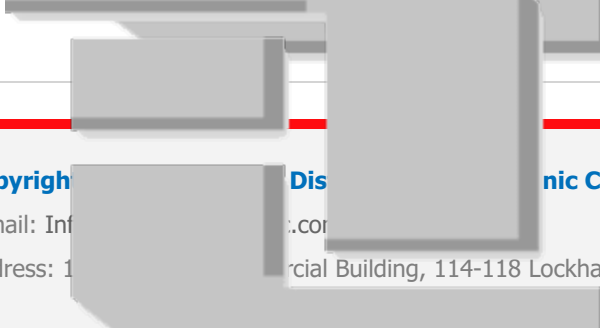
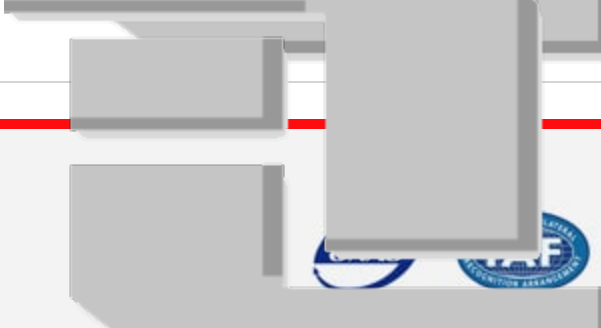
Specifications of S9S12G128F0MLL

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | S9S12G128F0MLL                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 100LQFP                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| QUANTITY AVAILABLE               | 16142 pcs                                                                          |
| DATA SHEET                       |                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.13 V ~ 5.5 V                                                                     |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                   |
| 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                   | 100-LQFP                                                                           |
| OTHER NAMES                      | 935318114557                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                 |
| NUMBER OF I/O                    | 86                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| EEPROM SIZE                      | 4K x 8                                                                             |
| DETAILED DESCRIPTION             | 12V1 HCS12 Microcontroller IC 16-Bit 25MHz 128KB (128K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 12x10b                                                                         |
| CORE SIZE                        | 16-Bit                                                                             |
| CORE PROCESSOR                   | 12V1                                                                               |
| CONNECTIVITY                     | CANbus, IrDA, LINbus, SCI, SPI                                                     |
| BASE PART NUMBER                 | S9S12G128                                                                          |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| S9S12G128F0MLL               | S9S12G128F0MLL Distributor        | S9S12G128F0MLL Supplier  |
| S9S12G128F0MLL Price         | S9S12G128F0MLL Pictures           | S9S12G128F0MLL Image     |
| S9S12G128F0MLL PDF Datasheet | S9S12G128F0MLL Download Datasheet | S9S12G128F0MLL Datasheet |
| S9S12G128F0MLL Stock         | Buy S9S12G128F0MLL                | Buy S9S12G128F0MLL       |
| S9S12G128F0MLL               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                                                                                             |                                                                                      |                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>S9S12G128F0VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 48LQFP<br>In stock: 15677 pcs<br>   |  | <b>S9S12G128F0CCLL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br>In stock: 16383 pcs<br>  |
|  | <b>S9S12G128F0MLLR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br>In stock: 29430 pcs<br> |  | <b>S9S12G128F0CCLLR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br>In stock: 32813 pcs<br> |
|  | <b>S9S12G128F0MLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 48LQFP<br>In stock: 13756 pcs<br>   |  | <b>S9S12G128F0VLHR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br>In stock: 30777 pcs<br>   |
|  | <b>S9S12G128F0MLH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br>In stock: 17335 pcs<br>   |  | <b>S9S12G128F0VLL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br>In stock: 17665 pcs<br>   |
|  | <b>S9S12G128F0MLHR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br>In stock: 25351 pcs<br>  |  | <b>S9S12G128F0VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 64LQFP<br>In stock: 12632 pcs<br>    |
|  | <b>S9S12G128F0MLFR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 48LQFP<br>In stock: 27766 pcs<br>  |  | <b>S9S12G128F0VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 48LQFP<br>In stock: 34859 pcs<br>    |