

NXP Semiconductors / Freescale

S912ZVH128F2CLQ

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S912ZVH128F2CLQ                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 128KB FLASH 144LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 13903 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

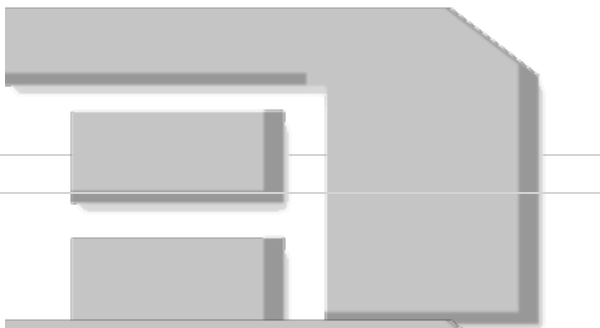
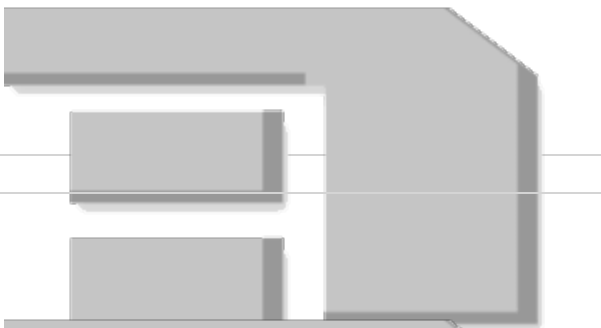
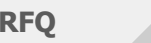
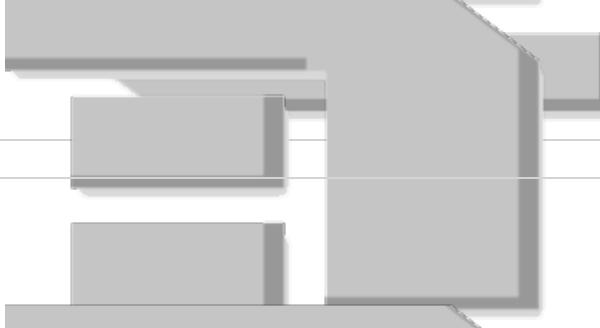
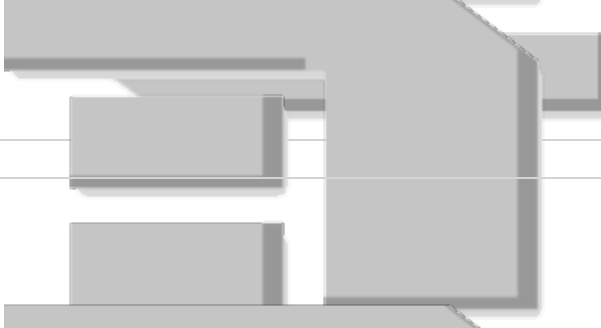
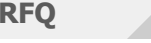
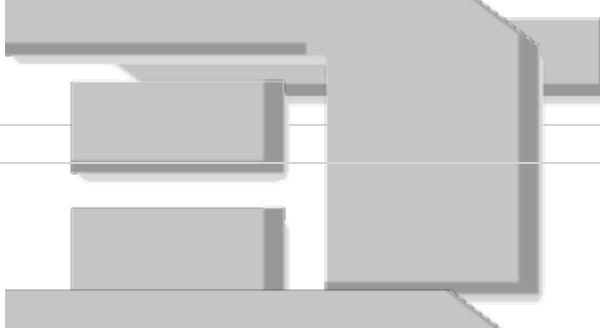
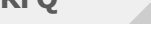
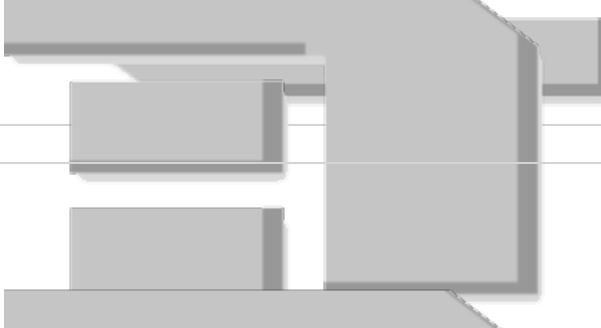
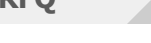
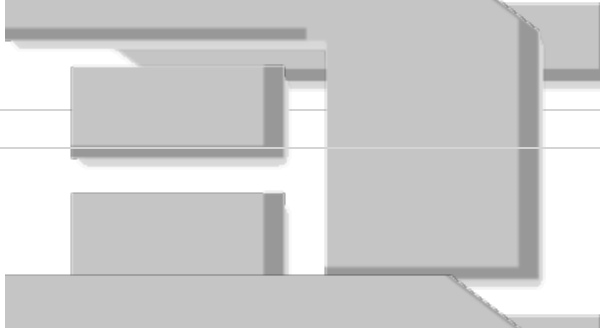
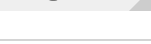
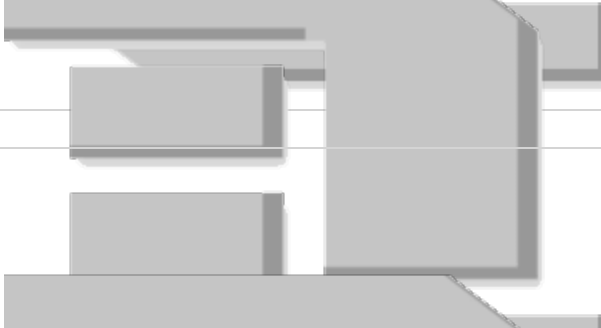
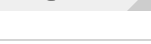
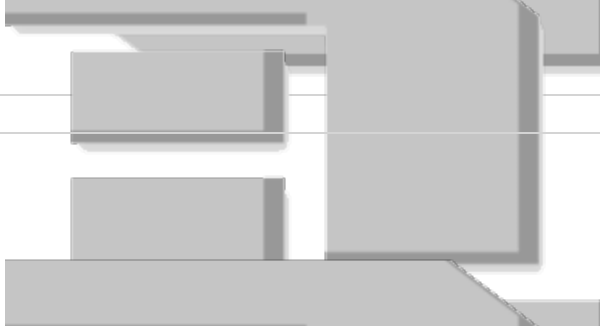
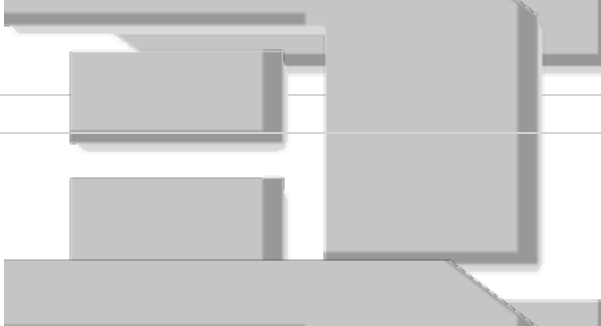
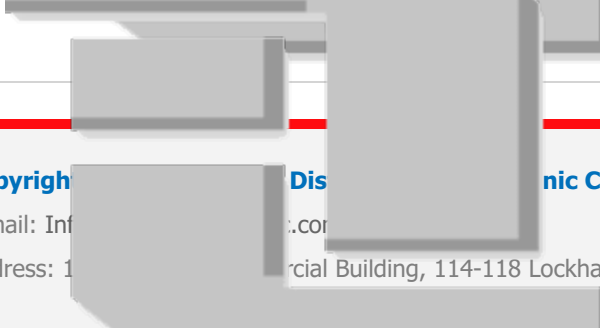
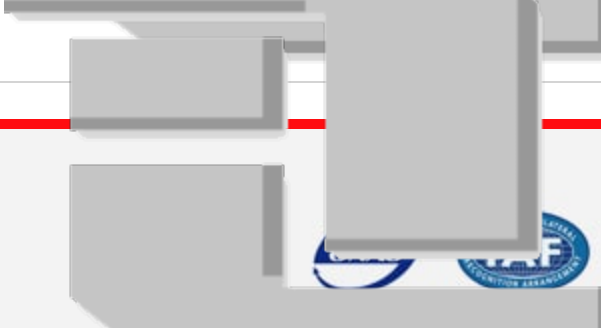
Specifications of S912ZVH128F2CLQ

|                                  |                                                                                         |
|----------------------------------|-----------------------------------------------------------------------------------------|
| PART NUMBER                      | S912ZVH128F2CLQ                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                          |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 144LQFP                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| QUANTITY AVAILABLE               | 13903 pcs                                                                               |
| DATA SHEET                       |                                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                           |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                        |
| SPEED                            | 32MHz                                                                                   |
| SERIES                           | S12 MagniV                                                                              |
| RAM SIZE                         | 8K x 8                                                                                  |
| PROGRAM MEMORY TYPE              | FLASH                                                                                   |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                        |
| PERIPHERALS                      | DMA, LCD, POR, PWM, WDT                                                                 |
| PACKAGING                        | Tray                                                                                    |
| PACKAGE / CASE                   | 144-LQFP                                                                                |
| OTHER NAMES                      | 935317901557                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                       |
| NUMBER OF I/O                    | 100                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                              |
| EEPROM SIZE                      | 4K x 8                                                                                  |
| DETAILED DESCRIPTION             | S12Z S12 MagniV Microcontroller IC 16-Bit 32MHz 128KB (128K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 8x10b                                                                               |
| CORE SIZE                        | 16-Bit                                                                                  |
| CORE PROCESSOR                   | S12Z                                                                                    |
| CONNECTIVITY                     | CANbus, I²C, LINbus, SCI, SPI                                                           |
| BASE PART NUMBER                 | S912ZVH128                                                                              |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| S912ZVH128F2CLQ               | S912ZVH128F2CLQ Distributor        | S912ZVH128F2CLQ Supplier  |
| S912ZVH128F2CLQ Price         | S912ZVH128F2CLQ Pictures           | S912ZVH128F2CLQ Image     |
| S912ZVH128F2CLQ PDF Datasheet | S912ZVH128F2CLQ Download Datasheet | S912ZVH128F2CLQ Datasheet |
| S912ZVH128F2CLQ Stock         | Buy S912ZVH128F2CLQ                | Buy S912ZVH128F2CLQ       |
| S912ZVH128F2CLQ               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                                                                                             |                                                                                      |                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>S912ZVHL32F1CLL</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 32<br>In stock: 21314 pcs<br>   |  | <b>S912ZVFP64F1CLL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 100LQFP<br>In stock: 18703 pcs<br>  |
|  | <b>S912ZVCA96F0VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br>In stock: 24318 pcs<br>   |  | <b>S912ZVFP64F1CLQ</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 144LQFP<br>In stock: 13387 pcs<br>  |
|  | <b>S912ZVH128F2CLL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br>In stock: 15418 pcs<br> |  | <b>S912ZVH128F2VLL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 100LQFP<br>In stock: 15790 pcs<br> |
|  | <b>S912ZVH64F2CLQ</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 144LQFP<br>In stock: 15307 pcs<br>   |  | <b>S912ZVH64F2VLQ</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 144LQFP<br>In stock: 16160 pcs<br>   |
|  | <b>S912ZVHL32F1CLQ</b><br>Manufacturers: NXP<br>Description: MAGNIV 16-BIT MCU S12Z CORE 32<br>In stock: 21661 pcs<br>   |  | <b>S912ZVH128F2VLQ</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 144LQFP<br>In stock: 9936 pcs<br>  |
|  | <b>S912ZVFP64F1VLL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 100LQFP<br>In stock: 17990 pcs<br>  |  | <b>S912ZVFP64F1VLQ</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 144LQFP<br>In stock: 14639 pcs<br>  |