

NXP Semiconductors / Freescale

S9S12GN16F1CLC

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S9S12GN16F1CLC                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 16KB FLASH 32LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 24032 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

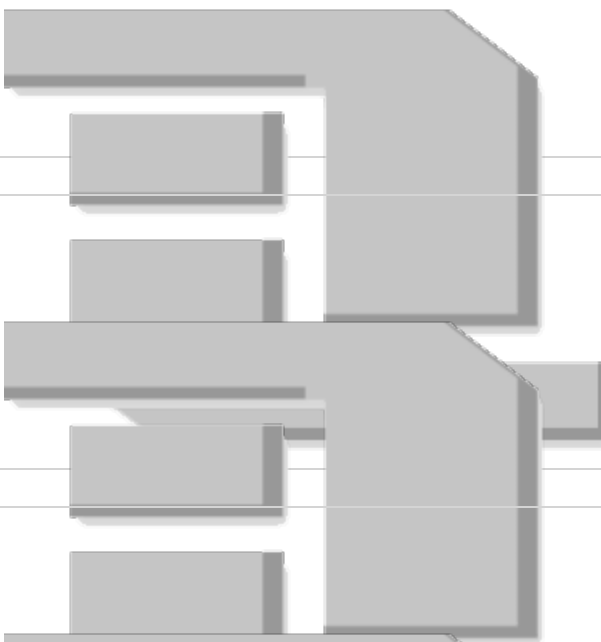
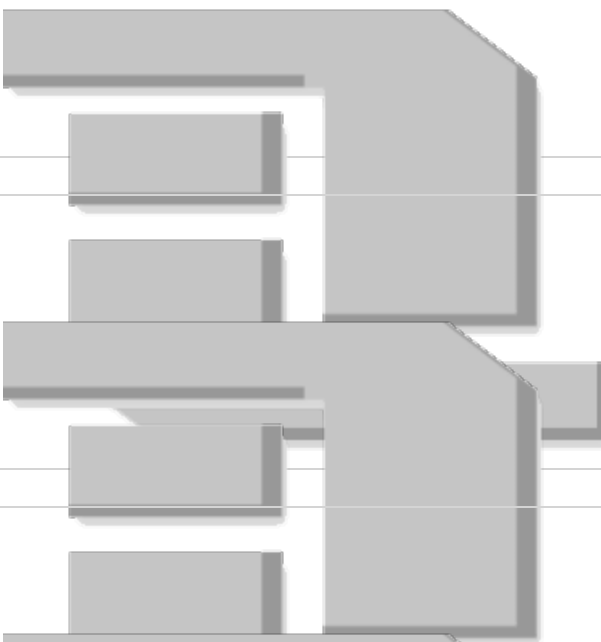
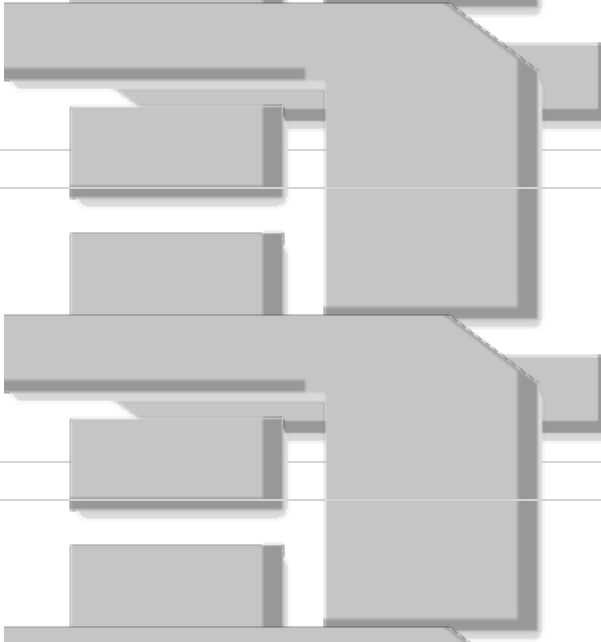
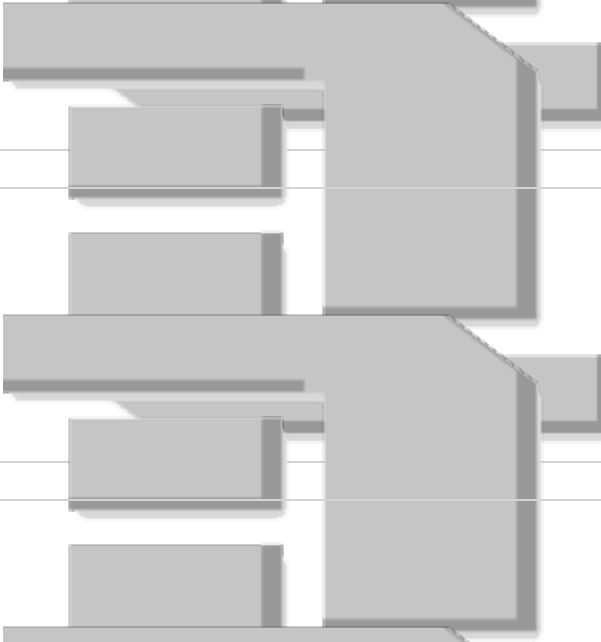
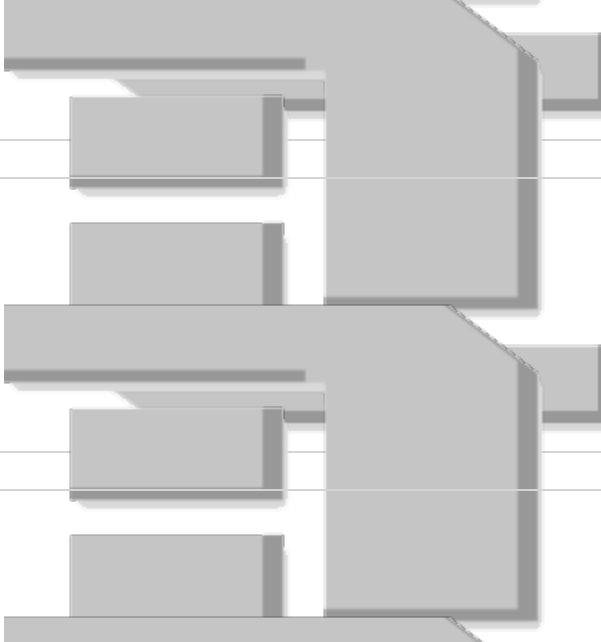
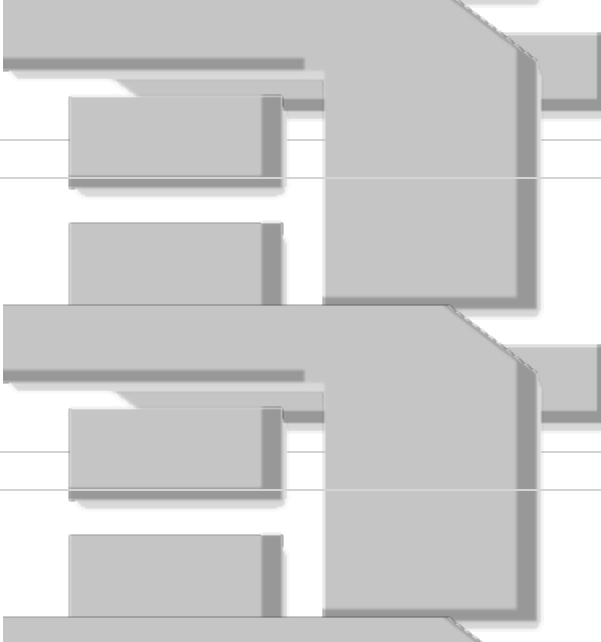
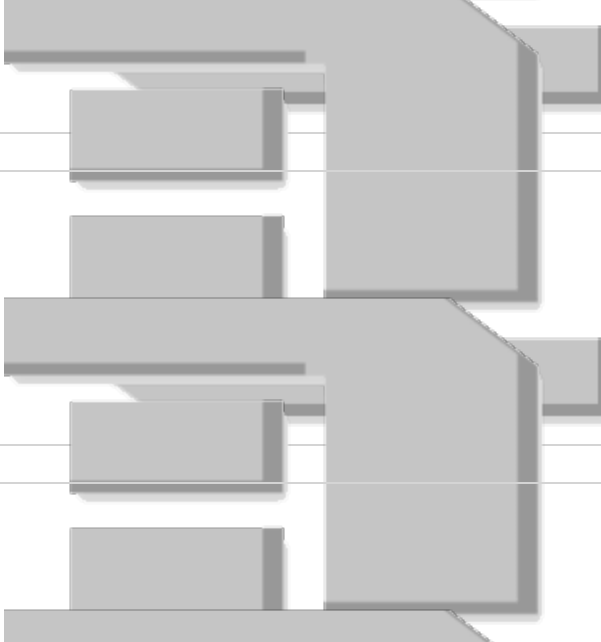
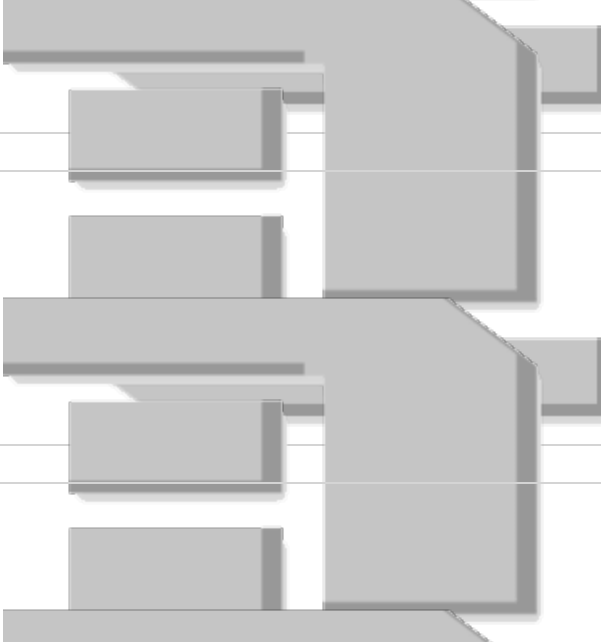
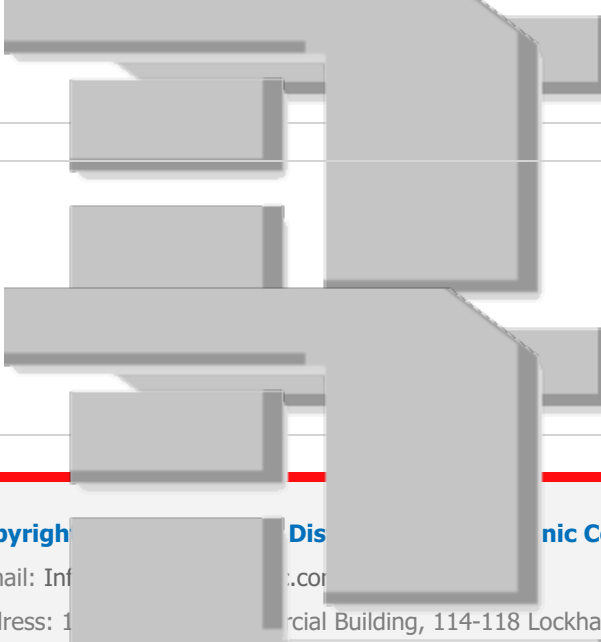
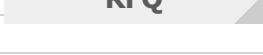
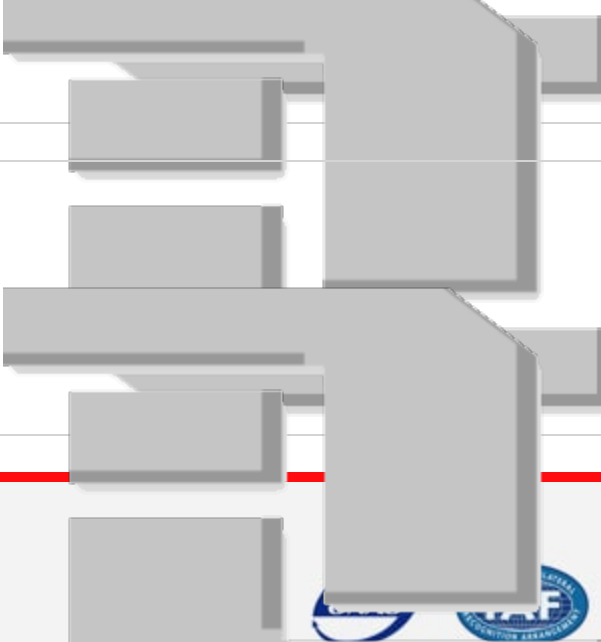
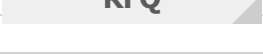
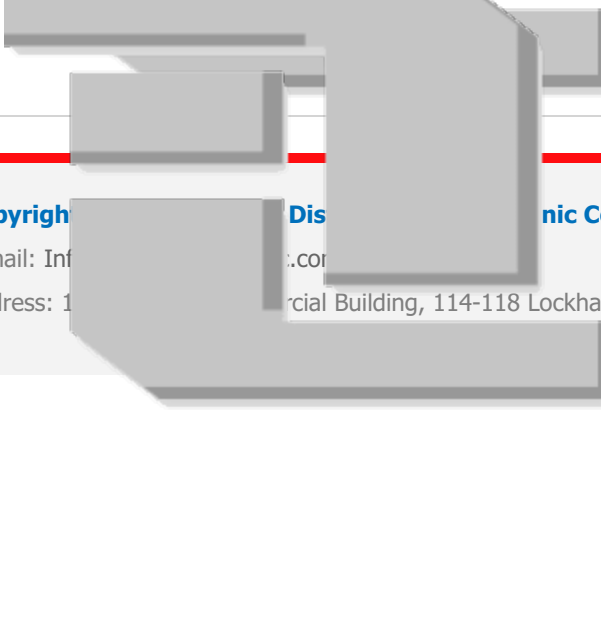
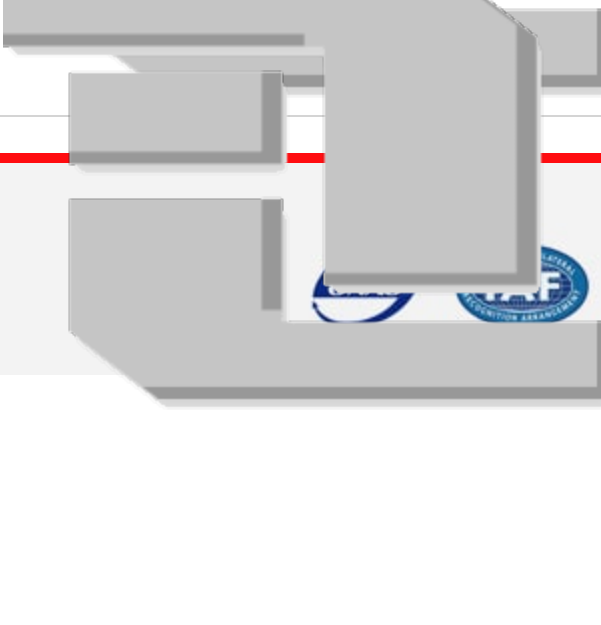
Specifications of S9S12GN16F1CLC

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| PART NUMBER                      | S9S12GN16F1CLC                                                                |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                |
| DESCRIPTION                      | IC MCU 16BIT 16KB FLASH 32LQFP                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                    |
| QUANTITY AVAILABLE               | 24032 pcs                                                                     |
| DATA SHEET                       |                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.13 V ~ 5.5 V                                                                |
| SUPPLIER DEVICE PACKAGE          | 32-LQFP (7x7)                                                                 |
| SPEED                            | 25MHz                                                                         |
| SERIES                           | HCS12                                                                         |
| RAM SIZE                         | 1K x 8                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                         |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                            |
| PACKAGING                        | Tray                                                                          |
| PACKAGE / CASE                   | 32-LQFP                                                                       |
| OTHER NAMES                      | 568-14212<br>935319879557<br>S9S12GN16F1CLC-ND                                |
| OSCILLATOR TYPE                  | Internal                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                             |
| NUMBER OF I/O                    | 26                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                    |
| EEPROM SIZE                      | 512 x 8                                                                       |
| DETAILED DESCRIPTION             | 12V1 HCS12 Microcontroller IC 16-Bit 25MHz 16KB (16K x 8) FLASH 32-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 8x10b                                                                     |
| CORE SIZE                        | 16-Bit                                                                        |
| CORE PROCESSOR                   | 12V1                                                                          |
| CONNECTIVITY                     | IrDA, LINbus, SCI, SPI                                                        |
| BASE PART NUMBER                 | S9S12GN16                                                                     |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| S9S12GN16F1CLC               | S9S12GN16F1CLC Distributor        | S9S12GN16F1CLC Supplier  |
| S9S12GN16F1CLC Price         | S9S12GN16F1CLC Pictures           | S9S12GN16F1CLC Image     |
| S9S12GN16F1CLC PDF Datasheet | S9S12GN16F1CLC Download Datasheet | S9S12GN16F1CLC Datasheet |
| S9S12GN16F1CLC Stock         | Buy S9S12GN16F1CLC                | Buy S9S12GN16F1CLC       |
| S9S12GN16F1CLC               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                                                                                           |                                                                                      |                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>S9S12GN16F0WLF</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 16KB FLASH<br>In stock: 33546 pcs<br>  |  | <b>S9S12GN16F1MTJ</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 16KB FLASH<br>In stock: 35962 pcs<br>  |
|  | <b>S9S12GN16BVLCR</b><br>Manufacturers: NXP<br>Description: 16-BIT16K FLASH2K RAM<br>In stock: 44982 pcs<br>           |  | <b>S9S12GN16F1MLC</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 22060 pcs<br>  |
|  | <b>S9S12GN16F1VLCR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 49112 pcs<br> |  | <b>S9S12GN16BVTJ</b><br>Manufacturers: NXP<br>Description: 16-BIT16K FLASH2K RAM<br>In stock: 36533 pcs<br>            |
|  | <b>S9S12GN16F1VLC</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 22580 pcs<br>  |  | <b>S9S12GN16BVTJR</b><br>Manufacturers: NXP<br>Description: 16-BIT16K FLASH2K RAM<br>In stock: 58420 pcs<br>           |
|  | <b>S9S12GN16F0CLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 48LQFP<br>In stock: 50035 pcs<br>  |  | <b>S9S12GN16F1MLCR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 56591 pcs<br> |
|  | <b>S9S12GN16F1CTJ</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 16KB FLASH<br>In stock: 40766 pcs<br>  |  | <b>S9S12GN16F0MLFR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 48LQFP<br>In stock: 43083 pcs<br> |