

NXP Semiconductors / Freescale

S9S12GN48F0VLF

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S9S12GN48F0VLF                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 48KB FLASH 48LQFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 22653 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

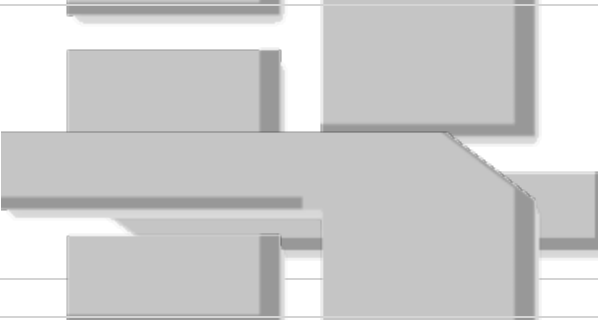
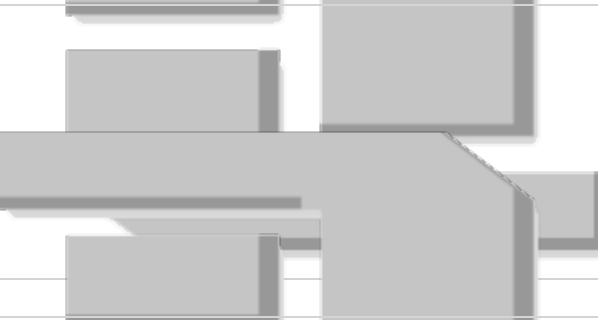
Specifications of S9S12GN48F0VLF

|                                  |                                                                               |
|----------------------------------|-------------------------------------------------------------------------------|
| PART NUMBER                      | S9S12GN48F0VLF                                                                |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                |
| DESCRIPTION                      | IC MCU 16BIT 48KB FLASH 48LQFP                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                    |
| QUANTITY AVAILABLE               | 22653 pcs                                                                     |
| DATA SHEET                       |                                                                               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.13 V ~ 5.5 V                                                                |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                 |
| SPEED                            | 25MHz                                                                         |
| SERIES                           | HCS12                                                                         |
| RAM SIZE                         | 4K x 8                                                                        |
| PROGRAM MEMORY TYPE              | FLASH                                                                         |
| PROGRAM MEMORY SIZE              | 48KB (48K x 8)                                                                |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                            |
| PACKAGING                        | Tray                                                                          |
| PACKAGE / CASE                   | 48-LQFP                                                                       |
| OTHER NAMES                      | 568-14171<br>935323392557<br>S9S12GN48F0VLF-ND                                |
| OSCILLATOR TYPE                  | Internal                                                                      |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                            |
| NUMBER OF I/O                    | 40                                                                            |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                    |
| EEPROM SIZE                      | 1.5K x 8                                                                      |
| DETAILED DESCRIPTION             | 12V1 HCS12 Microcontroller IC 16-Bit 25MHz 48KB (48K x 8) FLASH 48-LQFP (7x7) |
| DATA CONVERTERS                  | A/D 12x10b                                                                    |
| CORE SIZE                        | 16-Bit                                                                        |
| CORE PROCESSOR                   | 12V1                                                                          |
| CONNECTIVITY                     | IrDA, LINbus, SCI, SPI                                                        |
| BASE PART NUMBER                 | S9S12GN48                                                                     |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| S9S12GN48F0VLF               | S9S12GN48F0VLF Distributor        | S9S12GN48F0VLF Supplier  |
| S9S12GN48F0VLF Price         | S9S12GN48F0VLF Pictures           | S9S12GN48F0VLF Image     |
| S9S12GN48F0VLF PDF Datasheet | S9S12GN48F0VLF Download Datasheet | S9S12GN48F0VLF Datasheet |
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| S9S12GN48F0VLF               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                                                                                           |                                                                                      |                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>S9S12GN48F1CLC</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 48KB FLASH<br>In stock: 38561 pcs<br>  |  | <b>S9S12GN48F0MLF</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 48KB FLASH<br>In stock: 40134 pcs<br>  |
|  | <b>S9S12GN48F0WLFR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 48KB FLASH<br>In stock: 38000 pcs<br> |  | <b>S9S12GN48F0MLHR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 48KB FLASH<br>In stock: 37710 pcs<br> |
|  | <b>S9S12GN48F0VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 48KB FLASH 64LQFP<br>In stock: 36126 pcs<br>  |  | <b>S9S12GN48F0VLF</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 48KB FLASH<br>In stock: 48454 pcs<br>  |
|  | <b>S9S12GN48F0MLFR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 48KB FLASH<br>In stock: 41856 pcs<br> |  | <b>S9S12GN48F0VLHR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 48KB FLASH<br>In stock: 46058 pcs<br> |
|  | <b>S9S12GN48F0CLH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 48KB FLASH 64LQFP<br>In stock: 34390 pcs<br>  |  | <b>S9S12GN48F0WL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 48KB FLASH<br>In stock: 37426 pcs<br>   |
|  | <b>S9S12GN48F0MLH</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 48KB FLASH<br>In stock: 35434 pcs<br>  |  | <b>S9S12GN48F0CLFR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 48KB FLASH 48LQFP<br>In stock: 53790 pcs<br> |