



Image may be representation. See specifications for product details.

S9S12GN48F1VLCR

|                     |                                                                                                         |
|---------------------|---------------------------------------------------------------------------------------------------------|
| Part Number:        | S9S12GN48F1VLCR                                                                                         |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                          |
| Product description | 16-BIT MCU S12 CORE 48KB FLASH                                                                          |
|                     |  1.S9S12GN48F1VLCR.pdf |
|                     |  2.S9S12GN48F1VLCR.pdf |
| Datasheets:         |                                                                                                         |
| Ship From           | Hong Kong                                                                                               |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                   |

REQUEST FOR QUOTATION

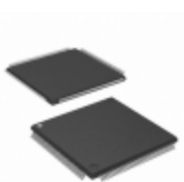
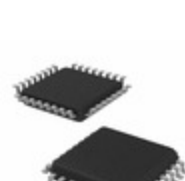
Specifications of S9S12GN48F1VLCR

|                                  |                                                                                                                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S9S12GN48F1VLCR                                                                                                                                                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                         |
| DESCRIPTION                      | 16-BIT MCU S12 CORE 48KB FLASH                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.S9S12GN48F1VLCR.pdf<br> 2.S9S12GN48F1VLCR.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.13 V ~ 5.5 V                                                                                                                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 32-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                        | Tape & Reel (TR)                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 32-LQFP                                                                                                                                                                                                                |
| OTHER NAMES                      | 935317602528                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 26                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 14 Weeks                                                                                                                                                                                                               |
| EEPROM SIZE                      | 1.5K x 8                                                                                                                                                                                                               |
| DETAILED DESCRIPTION             | 12V1 HCS12 Microcontroller IC 16-Bit 25MHz 48KB (48K x 8) FLASH 32-LQFP (7x7)                                                                                                                                          |
| DATA CONVERTERS                  | A/D 12x10b                                                                                                                                                                                                             |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                 |
| CORE PROCESSOR                   | 12V1                                                                                                                                                                                                                   |
| CONNECTIVITY                     | IrDA, LINbus, SCI, SPI                                                                                                                                                                                                 |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale S9S12GN48F1VLCR | S9S12GN48F1VLCR Distributor             | S9S12GN48F1VLCR Supplier                           |
| S9S12GN48F1VLCR Price                          | S9S12GN48F1VLCR Pictures                | S9S12GN48F1VLCR Image                              |
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| NXP Semiconductors / Freescale S9S12GN48F1VLCR | NXP Semiconductors S9S12GN48F1VLCR      | Freescale S9S12GN48F1VLCR                          |
| Freescale Semiconductor - NXP S9S12GN48F1VLCR  | NXP USA Inc. S9S12GN48F1VLCR            |                                                    |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                 |
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|  <div><b>S9S12GN48F1VLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 48KB FLASH 32LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>     |  <div><b>S9S12GNA16F0MLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12 CORE 16KB FLASH<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>S9S12GN48F0VLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 48KB FLASH 64LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>     |  <div><b>S9S12GNA16F0WLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12 CORE 16KB FLASH<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>S9S12H256J2VFVER</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 144LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>S9S12GNA16F0MLFR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12 CORE 16KB FLASH<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>S9S12GN48F0WLRF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12 CORE 48KB FLASH<br/>In stock: Out stock<br/><b>RFQ</b></div>    |  <div><b>S9S12GN48F0VLHR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12 CORE 48KB FLASH<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>S9S12GN48F0WLFR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12 CORE 48KB FLASH<br/>In stock: Out stock<br/><b>RFQ</b></div>    |  <div><b>S9S12GNA32F0MLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12 CORE 32KB FLASH<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>S9S12GNA32F0WLRF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 32KB FLASH 48LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>   |  <div><b>S9S12GN48F1CLC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12 CORE 48KB FLASH<br/>In stock: Out stock<br/><b>RFQ</b></div>   |