

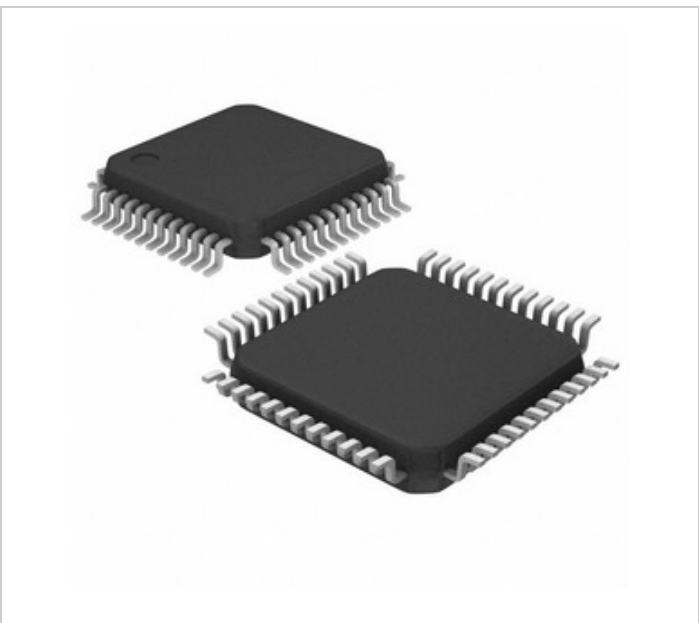


Image may be representation. See specifications for product details.

S9S12G96F0VLFR

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S9S12G96F0VLFR                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 96KB FLASH 48LQFP                                                                               |
|                     | <a href="#">1.S9S12G96F0VLFR.pdf</a>                                                                         |
|                     | <a href="#">2.S9S12G96F0VLFR.pdf</a>                                                                         |
|                     | <a href="#">3.S9S12G96F0VLFR.pdf</a>                                                                         |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of S9S12G96F0VLFR

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | S9S12G96F0VLFR                                                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                       |
| DESCRIPTION                      | IC MCU 16BIT 96KB FLASH 48LQFP                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                           |
| DATA SHEET                       | <a href="#">1.S9S12G96F0VLFR.pdf</a><br><a href="#">2.S9S12G96F0VLFR.pdf</a><br><a href="#">3.S9S12G96F0VLFR.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.13 V ~ 5.5 V                                                                                                       |
| SUPPLIER DEVICE PACKAGE          | 48-LQFP (7x7)                                                                                                        |
| SPEED                            | 25MHz                                                                                                                |
| SERIES                           | HCS12                                                                                                                |
| RAM SIZE                         | 8K x 8                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                |
| PROGRAM MEMORY SIZE              | 96KB (96K x 8)                                                                                                       |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                                                   |
| PACKAGING                        | Tape & Reel (TR)                                                                                                     |
| PACKAGE / CASE                   | 48-LQFP                                                                                                              |
| OTHER NAMES                      | 935320203528                                                                                                         |
| 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                      | 3K x 8                                                                                                               |
| DETAILED DESCRIPTION             | 12V1 HCS12 Microcontroller IC 16-Bit 25MHz 96KB (96K x 8) FLASH 48-LQFP (7x7)                                        |
| DATA CONVERTERS                  | A/D 12x10b                                                                                                           |
| CORE SIZE                        | 16-Bit                                                                                                               |
| CORE PROCESSOR                   | 12V1                                                                                                                 |
| CONNECTIVITY                     | CANbus, IrDA, LINbus, SCI, SPI                                                                                       |
| BASE PART NUMBER                 | S9S12G96                                                                                                             |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale S9S12G96F0VLFR | S9S12G96F0VLFR Distributor              | S9S12G96F0VLFR Supplier                           |
| S9S12G96F0VLFR Price                          | S9S12G96F0VLFR Pictures                 | S9S12G96F0VLFR Image                              |
| S9S12G96F0VLFR PDF Datasheet                  | S9S12G96F0VLFR Download Datasheet       | S9S12G96F0VLFR Datasheet                          |
| S9S12G96F0VLFR Stock                          | Buy S9S12G96F0VLFR                      | Buy NXP Semiconductors / Freescale S9S12G96F0VLFR |
| NXP Semiconductors / Freescale S9S12G96F0VLFR | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor        |
| NXP Semiconductors / Freescale S9S12G96F0VLFR | NXP Semiconductors S9S12G96F0VLFR       | Freescale S9S12G96F0VLFR                          |
| Freescale Semiconductor - NXP S9S12G96F0VLFR  | NXP USA Inc. S9S12G96F0VLFR             |                                                   |

Related Products

|                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>S9S12G96F0VLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>S9S12G96F0MLL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 96KB FLASH 100LQFP<br/>In stock: 450 pcs<br/><b>RFQ</b></div>   |
|  <div><b>S9S12G96F0MLHR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>S9S12G96F0VLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |
|  <div><b>S9S12GA128ACLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 12-BIT ADC SPEC TST<br/>In stock: Out stock<br/><b>RFQ</b></div>            |  <div><b>S9S12GA128AMLFR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 12-BIT ADC SPE TST SCREE<br/>In stock: Out stock<br/><b>RFQ</b></div>      |
|  <div><b>S9S12G96F0MLFR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12 CORE 96KB FLASH<br/>In stock: Out stock<br/><b>RFQ</b></div> |  <div><b>S9S12GA128AMLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 12-BIT ADC SPE TST SCREE<br/>In stock: Out stock<br/><b>RFQ</b></div>       |
|  <div><b>S9S12G96F0VLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>S9S12G96F0VLHR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12 CORE 96KB FLASH<br/>In stock: Out stock<br/><b>RFQ</b></div> |
|  <div><b>S9S12G96F0MLF</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 96KB FLASH 48LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |  <div><b>S9S12G96F0MLH</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 96KB FLASH 64LQFP<br/>In stock: Out stock<br/><b>RFQ</b></div>  |