

NXP Semiconductors / Freescale

S9S12GN16F1VTJR

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | S9S12GN16F1VTJR                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 16-BIT MCU S12 CORE 16KB FLASH |
| Datasheets:         |                                |
| Stock Condition     | 51583 pcs stock                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

Specifications of S9S12GN16F1VTJR

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| PART NUMBER                      | S9S12GN16F1VTJR                                                          |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                           |
| DESCRIPTION                      | 16-BIT MCU S12 CORE 16KB FLASH                                           |
| LEAD FREE STATUS / ROHS STATUS   |                                                                          |
| QUANTITY AVAILABLE               | 51583 pcs                                                                |
| DATA SHEET                       |                                                                          |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.13 V ~ 5.5 V                                                           |
| SUPPLIER DEVICE PACKAGE          | 20-TSSOP                                                                 |
| 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                        | Tape & Reel (TR)                                                         |
| PACKAGE / CASE                   | 20-TSSOP (0.173", 4.40mm Width)                                          |
| OTHER NAMES                      | 935315041534                                                             |
| OSCILLATOR TYPE                  | Internal                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                       |
| NUMBER OF I/O                    | 14                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                            |
| EEPROM SIZE                      | 512 x 8                                                                  |
| DETAILED DESCRIPTION             | 12V1 HCS12 Microcontroller IC 16-Bit 25MHz 16KB (16K x 8) FLASH 20-TSSOP |
| DATA CONVERTERS                  | A/D 8x10b                                                                |
| CORE SIZE                        | 16-Bit                                                                   |
| CORE PROCESSOR                   | 12V1                                                                     |
| CONNECTIVITY                     | IrDA, LINbus, SCI, SPI                                                   |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| S9S12GN16F1VTJR               | S9S12GN16F1VTJR Distributor        | S9S12GN16F1VTJR Supplier  |
| S9S12GN16F1VTJR Price         | S9S12GN16F1VTJR Pictures           | S9S12GN16F1VTJR Image     |
| S9S12GN16F1VTJR PDF Datasheet | S9S12GN16F1VTJR Download Datasheet | S9S12GN16F1VTJR Datasheet |
| S9S12GN16F1VTJR Stock         | Buy S9S12GN16F1VTJR                | Buy S9S12GN16F1VTJR       |
| S9S12GN16F1VTJR               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                           |                                                                                      |                                                                                                                          |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
|  | <b>S9S12GN16F1VLCR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 49112 pcs<br>RFQ |  | <b>S9S12GN16F1VTJ</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 16KB FLASH<br>In stock: 33687 pcs<br>RFQ |
|  | <b>S9S12GN32ACFTR</b><br>Manufacturers: NXP<br>Description: 16-BIT,32K FLASH,2K RAM<br>In stock: 56943 pcs<br>RFQ         |  | <b>S9S12GN32ACLFR</b><br>Manufacturers: NXP<br>Description: 16-BIT32K FLASH2K RAM<br>In stock: 58948 pcs<br>RFQ          |
|  | <b>S9S12GN32ACLF</b><br>Manufacturers: NXP<br>Description: 16-BIT32K FLASH2K RAM<br>In stock: 41547 pcs<br>RFQ            |  | <b>S9S12GN32AMFT</b><br>Manufacturers: NXP<br>Description: 16-BIT32K FLASH2K RAM<br>In stock: 31389 pcs<br>RFQ           |
|  | <b>S9S12GN16F1MLCR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 56591 pcs<br>RFQ |  | <b>S9S12GN16F1MLC</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 22060 pcs<br>RFQ |
|  | <b>S9S12GN16J1MTJ</b><br>Manufacturers: NXP<br>Description: 16-BIT16K FLASH2K RAM<br>In stock: 33733 pcs<br>RFQ           |  | <b>S9S12GN32ACFT</b><br>Manufacturers: NXP<br>Description: 16-BIT,32K FLASH,2K RAM<br>In stock: 47868 pcs<br>RFQ         |
|  | <b>S9S12GN16F1MTJ</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 16KB FLASH<br>In stock: 35962 pcs<br>RFQ  |  | <b>S9S12GN16F1VLC</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 16KB FLASH 32LQFP<br>In stock: 22580 pcs<br>RFQ |