

S9S12GN16BCLCR



Part Number: [S9S12GN16BCLCR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 16-BIT16K FLASH2K RAM

Data sheet:  [S12G Family Fact Sheet](#)

RoHs Status:

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER       |                                                                               |                                |                                                |
|-------------------------|-------------------------------------------------------------------------------|--------------------------------|------------------------------------------------|
| Part Number             | S9S12GN16BCLCR                                                                | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a> |
| Description             | 16-BIT16K FLASH2K RAM                                                         | Lead Free Status / RoHS Status |                                                |
| Quantity Available      | 59326 pcs                                                                     | Data sheet                     | <a href="#">S12G Family Fact Sheet</a>         |
| Category                | <a href="#">Integrated Circuits (ICs)</a>                                     | 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                      | Tape & Reel (TR)                               |
| Package / Case          | 32-LQFP                                                                       | Other Names                    | 935353903528                                   |
| Oscillator Type         | Internal                                                                      | Operating Temperature          | -40°C ~ 85°C (TA)                              |
| Number of I/O           | 26                                                                            | 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                                                        |                                |                                                |

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