

S9S12G128ACLL



Part Number: [S9S12G128ACLL](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 16BIT 128K FLASH

Data sheet:

RoHs Status:

Ship From: Hong Kong

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

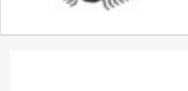
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| PRODUCT PARAMETER               |                                                                                    |                                  |                                                |
|---------------------------------|------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                     | S9S12G128ACLL                                                                      | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                     | 16BIT 128K FLASH                                                                   | Lead Free Status / RoHS Status   |                                                |
| Quantity Available              | 22228 pcs                                                                          | Data sheet                       |                                                |
| Category                        | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Supply (Vcc/Vdd)       | 3.13 V ~ 5.5 V                                 |
| Supplier Device Package         | 100-LQFP (14x14)                                                                   | Speed                            | 25MHz                                          |
| Series                          | HCS12                                                                              | RAM Size                         | 8K x 8                                         |
| Program Memory Type             | FLASH                                                                              | Program Memory Size              | 128KB (128K x 8)                               |
| Peripherals                     | LVD, POR, PWM, WDT                                                                 | Packaging                        | Tray                                           |
| Package / Case                  | 100-LQFP                                                                           | Other Names                      | 935353911557                                   |
| Oscillator Type                 | Internal                                                                           | Operating Temperature            | -40°C ~ 85°C (TA)                              |
| Number of I/O                   | 86                                                                                 | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                  |
| Manufacturer Standard Lead Time | 12 Weeks                                                                           | EEPROM Size                      | 4K x 8                                         |
| Detailed Description            | 12V1 HCS12 Microcontroller IC 16-Bit 25MHz 128KB (128K x 8) FLASH 100-LQFP (14x14) | Data Converters                  | A/D 12x10b                                     |
| Core Size                       | 16-Bit                                                                             | Core Processor                   | 12V1                                           |
| Connectivity                    | CANbus, IrDA, LINbus, SCI, SPI                                                     |                                  |                                                |

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