

S9S12G48BVLC



Part Number: [S9S12G48BVLC](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 16 BIT 48K FLASH 4KB RAM

Data sheet:

RoHs Status:

Ship From: Hong Kong

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

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                 |                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | S9S12G48BVLC                              | Manufacturer                    | <a href="#">NXP Semiconductors / Freescale</a>                                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 16 BIT 48K FLASH 4KB RAM                  | Lead Free Status / RoHS Status  |                                                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 33874 pcs                                 | Data sheet                      |                                                                               |
| 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                        | 4K x 8                                                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                     | Program Memory Size             | 48KB (48K x 8)                                                                |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LVD, POR, PWM, WDT                        | Packaging                       | Tray                                                                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 32-LQFP                                   | Other Names                     | 935354154557                                                                  |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                  | Operating Temperature           | -40°C ~ 105°C (TA)                                                            |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 26                                        | Manufacturer Standard Lead Time | 12 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                    | CANbus, IrDA, LINbus, SCI, SPI                                                |
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