

NXP Semiconductors / Freescale

S9S12GA240F0VLL

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S9S12GA240F0VLL                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 240KB FLASH 100LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 14825 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of S9S12GA240F0VLL

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| PART NUMBER                      | S9S12GA240F0VLL                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                     |
| DESCRIPTION                      | IC MCU 16BIT 240KB FLASH 100LQFP                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| QUANTITY AVAILABLE               | 14825 pcs                                                                          |
| DATA SHEET                       |                                                                                    |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.13 V ~ 5.5 V                                                                     |
| SUPPLIER DEVICE PACKAGE          | 100-LQFP (14x14)                                                                   |
| SPEED                            | 25MHz                                                                              |
| SERIES                           | HCS12                                                                              |
| RAM SIZE                         | 11K x 8                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                              |
| PROGRAM MEMORY SIZE              | 240KB (240K x 8)                                                                   |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                 |
| PACKAGING                        | Tray                                                                               |
| PACKAGE / CASE                   | 100-LQFP                                                                           |
| OTHER NAMES                      | 935321715557                                                                       |
| OSCILLATOR TYPE                  | Internal                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                 |
| NUMBER OF I/O                    | 86                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                         |
| EEPROM SIZE                      | 4K x 8                                                                             |
| DETAILED DESCRIPTION             | 12V1 HCS12 Microcontroller IC 16-Bit 25MHz 240KB (240K x 8) FLASH 100-LQFP (14x14) |
| DATA CONVERTERS                  | A/D 16x12b, D/A 2x8b                                                               |
| CORE SIZE                        | 16-Bit                                                                             |
| CORE PROCESSOR                   | 12V1                                                                               |
| CONNECTIVITY                     | CANbus, IrDA, LINbus, SCI, SPI                                                     |
| BASE PART NUMBER                 | S9S12GA240                                                                         |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| S9S12GA240F0VLL               | S9S12GA240F0VLL Distributor        | S9S12GA240F0VLL Supplier  |
| S9S12GA240F0VLL Price         | S9S12GA240F0VLL Pictures           | S9S12GA240F0VLL Image     |
| S9S12GA240F0VLL PDF Datasheet | S9S12GA240F0VLL Download Datasheet | S9S12GA240F0VLL Datasheet |
| S9S12GA240F0VLL Stock         | Buy S9S12GA240F0VLL                | Buy S9S12GA240F0VLL       |
| S9S12GA240F0VLL               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                   |                                                                                      |                                                                                                                                   |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
|  | <b>S9S12GA240F0VLH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 240KB FLASH 64LQFP<br>In stock: 10538 pcs<br><b>RFQ</b> |  | <b>S9S12GA192F0MLLR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 192KB FLAS<br>In stock: 23689 pcs<br><b>RFQ</b> |
|  | <b>S9S12GA48F0MLFR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 48KB FLASH<br>In stock: 38042 pcs<br><b>RFQ</b>  |  | <b>S9S12GA240F0MLH</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 240KB FLASH 64LQFP<br>In stock: 14603 pcs<br><b>RFQ</b> |
|  | <b>S9S12GA240F0MLL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 240KB FLASH 100LQFP<br>In stock: 9663 pcs<br><b>RFQ</b> |  | <b>S9S12GA48AMLFR</b><br>Manufacturers: NXP<br>Description: 12-BIT ADC SPE TST SCREE<br>In stock: 39378 pcs<br><b>RFQ</b>         |
|  | <b>S9S12GA240F0VLLR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 240KB FLAS<br>In stock: 20691 pcs<br><b>RFQ</b> |  | <b>S9S12GA64AMLF</b><br>Manufacturers: NXP<br>Description: 64K FLASH 4K RAM<br>In stock: 31316 pcs<br><b>RFQ</b>                  |
|  | <b>S9S12GA48AMLF</b><br>Manufacturers: NXP<br>Description: 12-BIT ADC SPE TST SCREE<br>In stock: 41620 pcs<br><b>RFQ</b>          |  | <b>S9S12GA48F0MLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 48KB FLASH 48LQFP<br>In stock: 16495 pcs<br><b>RFQ</b>   |
|  | <b>S9S12GA240F0MLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 240KB FLASH 48LQFP<br>In stock: 17196 pcs<br><b>RFQ</b> |  | <b>S9S12GA240F0VLF</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 240KB FLASH 48LQFP<br>In stock: 17417 pcs<br><b>RFQ</b> |