

NXP Semiconductors / Freescale

S9S12DG12F1VPVE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S9S12DG12F1VPVE                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 128KB FLASH 112LQFP                                                                             |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5421 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

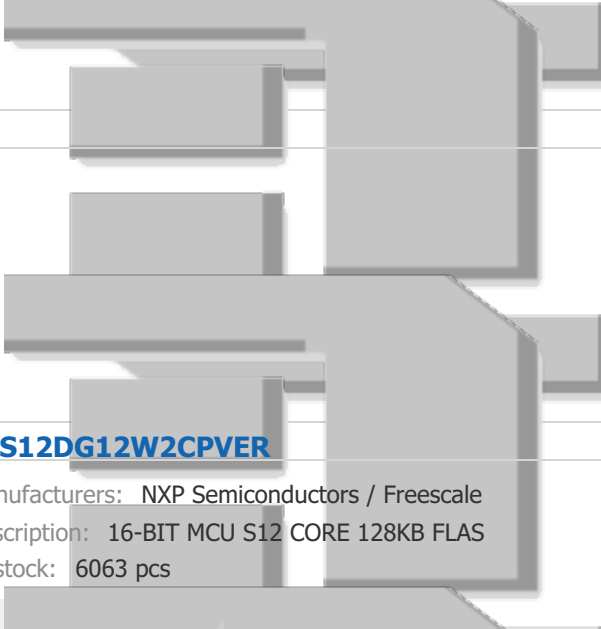
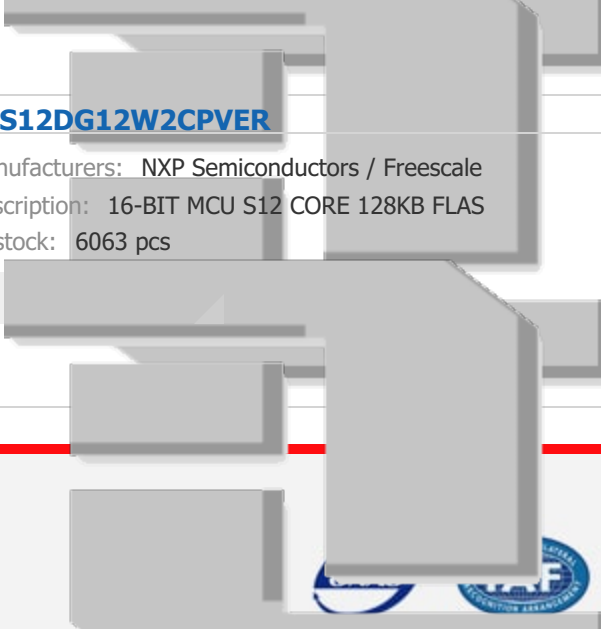
Specifications of S9S12DG12F1VPVE

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | S9S12DG12F1VPVE                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                      |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 112LQFP                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| QUANTITY AVAILABLE               | 5421 pcs                                                                            |
| DATA SHEET                       |                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.35 V ~ 5.25 V                                                                     |
| SUPPLIER DEVICE PACKAGE          | 112-LQFP (20x20)                                                                    |
| SPEED                            | 25MHz                                                                               |
| SERIES                           | HCS12                                                                               |
| RAM SIZE                         | 8K x 8                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                               |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                    |
| PERIPHERALS                      | PWM, WDT                                                                            |
| PACKAGING                        | Tray                                                                                |
| PACKAGE / CASE                   | 112-LQFP                                                                            |
| OTHER NAMES                      | 935313792557                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                  |
| NUMBER OF I/O                    | 91                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| EEPROM SIZE                      | 2K x 8                                                                              |
| DETAILED DESCRIPTION             | HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 128KB (128K x 8) FLASH 112-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 16x10b                                                                          |
| CORE SIZE                        | 16-Bit                                                                              |
| CORE PROCESSOR                   | HCS12                                                                               |
| CONNECTIVITY                     | CANbus, I²C, SCI, SPI                                                               |
| BASE PART NUMBER                 | S9S12DG12                                                                           |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| S9S12DG12F1VPVE               | S9S12DG12F1VPVE Distributor        | S9S12DG12F1VPVE Supplier  |
| S9S12DG12F1VPVE Price         | S9S12DG12F1VPVE Pictures           | S9S12DG12F1VPVE Image     |
| S9S12DG12F1VPVE PDF Datasheet | S9S12DG12F1VPVE Download Datasheet | S9S12DG12F1VPVE Datasheet |
| S9S12DG12F1VPVE Stock         | Buy S9S12DG12F1VPVE                | Buy S9S12DG12F1VPVE       |
| S9S12DG12F1VPVE               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                    |                                                                                      |                                                                                                                                                             |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>S9S12DG12F1MPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 5041 pcs<br><b>RFQ</b>  |  | <b>S9S12DG25F0MPVE</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 256KB FLAS<br>In stock: 4320 pcs<br><b>RFQ</b>                             |
|  | <b>S9S12DG12F1VPVER</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 5741 pcs<br><b>RFQ</b> |  | <b>S9S12DG12W2CPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 5657 pcs<br><b>RFQ</b>                           |
|  | <b>S9S12DG25F0VPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 6659 pcs<br><b>RFQ</b>  |  | <b>S9S12DG12F1CPVER</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 5857 pcs<br><b>RFQ</b>                          |
|  | <b>S9S12DG12F1CFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 80QFP<br>In stock: 5909 pcs<br><b>RFQ</b>    |  | <b>S9S12DG25F0CPVE</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 256KB FLAS<br>In stock: 5499 pcs<br><b>RFQ</b>                             |
|  | <b>S9S12D64F0VFUE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 64KB FLASH 80QFP<br>In stock: 7738 pcs<br><b>RFQ</b>      |  | <b>S9S12DG12W2CPVER</b><br>Manufacturers: NXP Semiconductors / Freescale<br>Description: 16-BIT MCU S12 CORE 128KB FLAS<br>In stock: 6063 pcs<br><b>RFQ</b> |
|  | <b>S9S12DG12F1CPVE</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 128KB FLASH 112LQFP<br>In stock: 6335 pcs<br><b>RFQ</b>  |  | <b>S9S12DG12F1VFUE</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12 CORE 128KB FLAS<br>In stock: 5860 pcs<br><b>RFQ</b>                             |