## S912XDP512J1MAL Information

| | | |
|---|---|---|
| **Part Number** | S912XDP512J1MAL | |
| **Manufacturer** | NXP | |
| **Category** | Integrated Circuits (ICs) | |
| | Embedded - Microcontrollers | |
| **Description** | IC MCU 16BIT 512KB FLASH 112LQFP | |
| **Package** | 112-LQFP | |

For Reference Only

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

Request a Quote

## Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.

## S912XDP512J1MAL Specifications

| | |
|---|---|
| Manufacturer Part Number | S912XDP512J1MAL |
| Manufacturer | NXP |
| Category | Integrated Circuits (ICs) |
| | Embedded - Microcontrollers |
| Package | 112-LQFP |
| Series | HCS12X |
| Core Processor | HCS12X |
| Core Size | 16-Bit |
| Speed | 80MHz |
| Connectivity | CAN, I2C, SCI, SPI |
| Peripherals | LVD, POR, PWM, WDT |
| Number of I/O | 91 |
| Program Memory Size | 512KB (512K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | 4K x 8 |
| RAM Size | 32K x 8 |
| Voltage - Supply (Vcc/Vdd) | 2.35 V ~ 5.5 V |
| Data Converters | A/D 8x10b, 16x10b |
| Oscillator Type | External |
| Operating Temperature | -40°C ~ 125°C (TA) |
| Mounting Type | - |
| Package / Case | 112-LQFP |
| Supplier Device Package | 112-LQFP (20x20) |
| | Report errors? |

## S912XDP512J1MAL Guarantees

**Quality Guarantees**
We provide 90 days warranty. *
If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

**Service Guarantees**
We guarantee 100% customer satisfaction.
Our experienced sales team and tech support team back our services to satisfy all our customers.

## S912XDP512J1MAL Payment Methods

## S912XDP512J1MAL Shipping Methods

If you have any question about S912XDP512J1MAL, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com