

S912XET512AVAG

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|---------------------|--------------------------------|
| Part Number:        | S912XET512AVAG                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 16-BIT MCU S12X CORE 512KB FLA |
| Datasheets:         |                                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

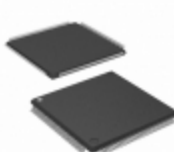
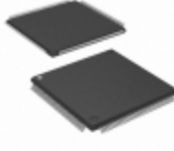
Specifications of S912XET512AVAG

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | S912XET512AVAG                                                                        |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                        |
| DESCRIPTION                      | 16-BIT MCU S12X CORE 512KB FLA                                                        |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                       |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.72 V ~ 5.5 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 144-LQFP (20x20)                                                                      |
| SPEED                            | 50MHz                                                                                 |
| SERIES                           | HCS12X                                                                                |
| RAM SIZE                         | 32K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                 |
| PROGRAM MEMORY SIZE              | 512KB (512K x 8)                                                                      |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                    |
| PACKAGING                        | Tray                                                                                  |
| PACKAGE / CASE                   | 144-LQFP                                                                              |
| OTHER NAMES                      | 935320176557                                                                          |
| OSCILLATOR TYPE                  | External                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                    |
| NUMBER OF I/O                    | 119                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                         |
| EEPROM SIZE                      | 4K x 8                                                                                |
| DETAILED DESCRIPTION             | HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 512KB (512K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 24x12b                                                                            |
| CORE SIZE                        | 16-Bit                                                                                |
| CORE PROCESSOR                   | HCS12X                                                                                |
| CONNECTIVITY                     | CANbus, EBI/EMI, I²C, IrDA, SCI, SPI                                                  |

Related Tags

|                                               |                                         |                                                   |
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| NXP Semiconductors / Freescale S912XET512AVAG | S912XET512AVAG Distributor              | S912XET512AVAG Supplier                           |
| S912XET512AVAG Price                          | S912XET512AVAG Pictures                 | S912XET512AVAG Image                              |
| S912XET512AVAG PDF Datasheet                  | S912XET512AVAG Download Datasheet       | S912XET512AVAG Datasheet                          |
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| NXP Semiconductors / Freescale S912XET512AVAG | NXP Semiconductors S912XET512AVAG       | Freescale S912XET512AVAG                          |
| Freescale Semiconductor - NXP S912XET512AVAG  | NXP USA Inc. S912XET512AVAG             |                                                   |

Related Products

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| <div></div> <div><b>S912XET256W1VAA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>S912XET256W1MAL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br/>In stock: Out stock</div> <div>RFQ</div> |
| <div></div> <div><b>S912XET512BMAGR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 512KB FLA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>S912XET256W1VAAR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>S912XET512BVAG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 512KB FLA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>S912XET256W1VAL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock</div> <div>RFQ</div>   |
| <div></div> <div><b>S912XET512BCAG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 512KB FLA<br/>In stock: Out stock</div> <div>RFQ</div>   | <div></div> <div><b>S912XET512BMAG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 512KB FLA<br/>In stock: Out stock</div> <div>RFQ</div>    |
| <div></div> <div><b>S912XET256W1VALR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock</div> <div>RFQ</div> | <div></div> <div><b>S912XET256W1MALR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock</div> <div>RFQ</div>  |
| <div></div> <div><b>S912XET512BCAGR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 512KB FLA<br/>In stock: Out stock</div> <div>RFQ</div>  | <div></div> <div><b>S912XET512AVAGR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 512KB FLA<br/>In stock: Out stock</div> <div>RFQ</div>   |