



NXP Semiconductors / Freescale

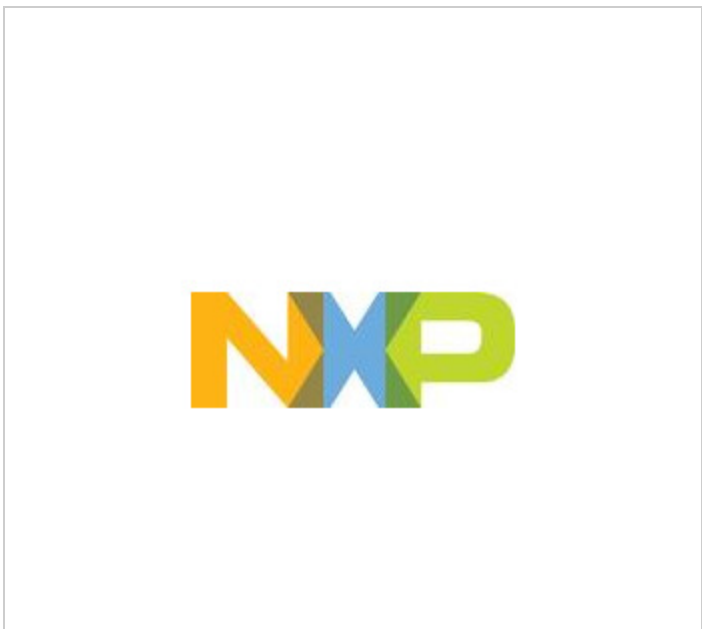


Image may be representation. See specifications for product details.

S912XET256BVAA

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | S912XET256BVAA                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 16-BIT MCU S12X CORE 256KB FLA |
| Datasheets:         |                                |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

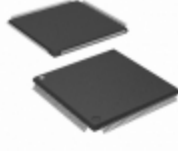
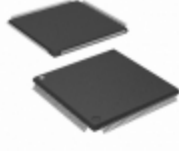
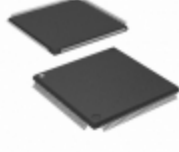
Specifications of S912XET256BVAA

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | S912XET256BVAA                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                      |
| DESCRIPTION                      | 16-BIT MCU S12X CORE 256KB FLA                                                      |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                     |
| DATA SHEET                       |                                                                                     |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.72 V ~ 5.5 V                                                                      |
| SUPPLIER DEVICE PACKAGE          | 80-QFP (14x14)                                                                      |
| SPEED                            | 50MHz                                                                               |
| SERIES                           | HCS12X                                                                              |
| RAM SIZE                         | 16K x 8                                                                             |
| PROGRAM MEMORY TYPE              | FLASH                                                                               |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                    |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                  |
| PACKAGING                        | Tray                                                                                |
| PACKAGE / CASE                   | 80-QFP                                                                              |
| OTHER NAMES                      | 935323501557                                                                        |
| OSCILLATOR TYPE                  | External                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                  |
| NUMBER OF I/O                    | 59                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                       |
| EEPROM SIZE                      | 4K x 8                                                                              |
| DETAILED DESCRIPTION             | HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 256KB (256K x 8) FLASH 80-QFP (14x14) |
| DATA CONVERTERS                  | A/D 8x12b                                                                           |
| CORE SIZE                        | 16-Bit                                                                              |
| CORE PROCESSOR                   | HCS12X                                                                              |
| CONNECTIVITY                     | CANbus, EBI/EMI, I <sup>2</sup> C, IrDA, SCI, SPI                                   |

Related Tags

|                                               |                                         |                                                   |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------------|
| NXP Semiconductors / Freescale S912XET256BVAA | S912XET256BVAA Distributor              | S912XET256BVAA Supplier                           |
| S912XET256BVAA Price                          | S912XET256BVAA Pictures                 | S912XET256BVAA Image                              |
| S912XET256BVAA PDF Datasheet                  | S912XET256BVAA Download Datasheet       | S912XET256BVAA Datasheet                          |
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| NXP Semiconductors / Freescale S912XET256BVAA | NXP Semiconductors S912XET256BVAA       | Freescale S912XET256BVAA                          |
| Freescale Semiconductor - NXP S912XET256BVAA  | NXP USA Inc. S912XET256BVAA             |                                                   |

Related Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>S912XET256BMAGR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>S912XET256BMALR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>S912XET256BVAL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>S912XET256BVALR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>S912XET256BVAGR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>S912XET256BMAG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>S912XET256BMAAR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 80QFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>S912XET256BVAG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>S912XET256BMAL</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>S912XET256BVAAR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>S912XET256J1MAA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: 16-BIT MCU S12X CORE 256KB FLA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>S912XET256BMAA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 16BIT 256KB FLASH 80QFP<br/>In stock: 420 pcs<br/><div>RFQ</div></div>      |