

NXP Semiconductors / Freescale

S912XET256J2MAA

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | S912XET256J2MAA                                                                                              |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 16BIT 256KB FLASH 80QFP                                                                               |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 7647 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

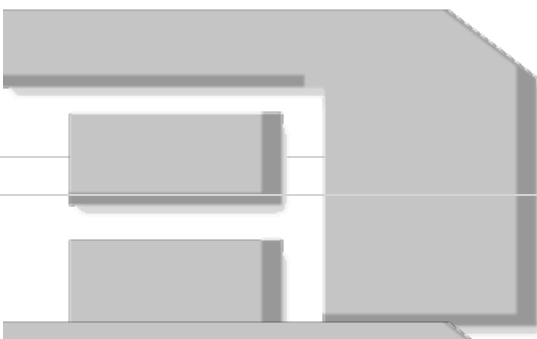
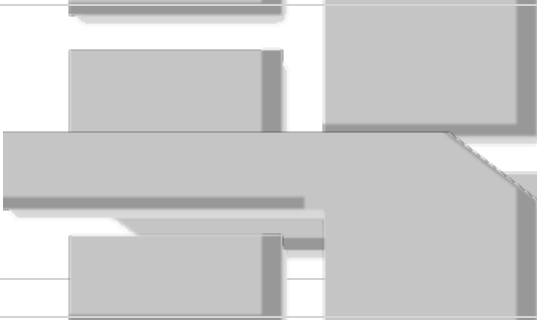
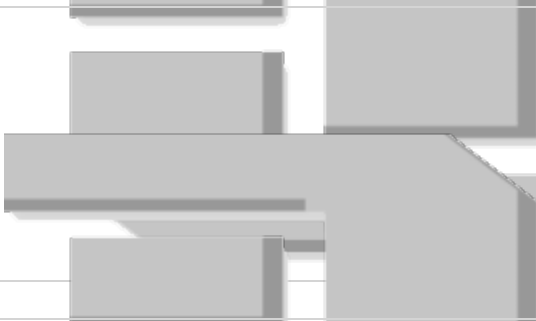
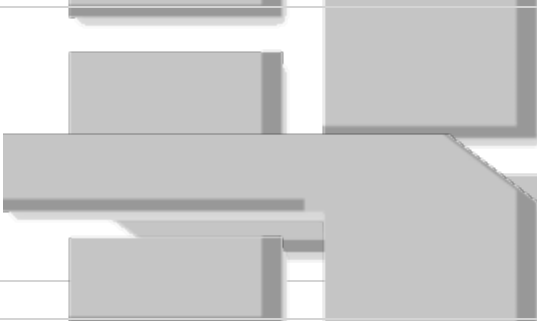
Specifications of S912XET256J2MAA

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| PART NUMBER                      | S912XET256J2MAA                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                      |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 80QFP                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| QUANTITY AVAILABLE               | 7647 pcs                                                                            |
| 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                      | 568-13742<br>935315065557<br>S912XET256J2MAA-ND                                     |
| OSCILLATOR TYPE                  | External                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                  |
| NUMBER OF I/O                    | 59                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                          |
| 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                                   |
| BASE PART NUMBER                 | S912XET256                                                                          |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| S912XET256J2MAA               | S912XET256J2MAA Distributor        | S912XET256J2MAA Supplier  |
| S912XET256J2MAA Price         | S912XET256J2MAA Pictures           | S912XET256J2MAA Image     |
| S912XET256J2MAA PDF Datasheet | S912XET256J2MAA Download Datasheet | S912XET256J2MAA Datasheet |
| S912XET256J2MAA Stock         | Buy S912XET256J2MAA                | Buy S912XET256J2MAA       |
| S912XET256J2MAA               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                                                                                                            |                                                                                      |                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>S912XET256J2MAGR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 256KB FLA<br>In stock: 9300 pcs<br>  |  | <b>S912XET256J2CAL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 6812 pcs<br>   |
|  | <b>S912XET256J2MAG</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 144LQFP<br>In stock: 8600 pcs<br> |  | <b>S912XET256J2MAAR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 80QFP<br>In stock: 9159 pcs<br>    |
|  | <b>S912XET256J2MAL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 7905 pcs<br> |  | <b>S912XET256J2CALR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 10485 pcs<br> |
|  | <b>S912XET256J2CAA</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 80QFP<br>In stock: 8996 pcs<br>   |  | <b>S912XET256J2VAA</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 256KB FLA<br>In stock: 9434 pcs<br>     |
|  | <b>S912XET256J2CAG</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 256KB FLA<br>In stock: 7876 pcs<br>   |  | <b>S912XET256J2CAGR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 144LQFP<br>In stock: 8812 pcs<br>  |
|  | <b>S912XET256J2CAAR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 80QFP<br>In stock: 9339 pcs<br>  |  | <b>S912XET256J2MALR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 9313 pcs<br>  |