

NXP Semiconductors / Freescale

S912XDT256F1CAL

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | S912XDT256F1CAL                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 16-BIT MCU S12X CORE 256KB FLA |
| Datasheets:         |                                |
| Stock Condition     | 6241 pcs stock                 |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

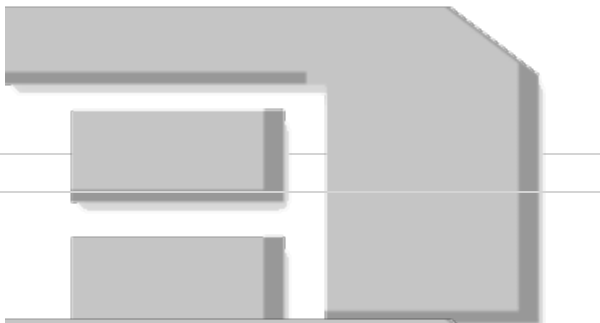
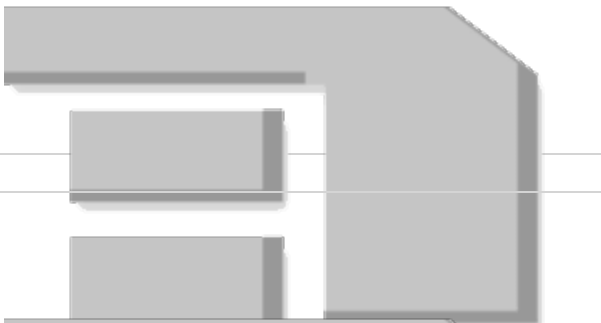
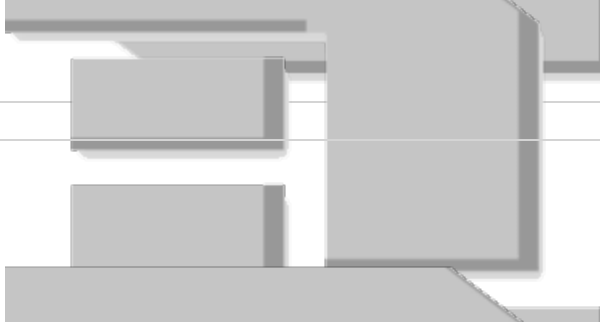
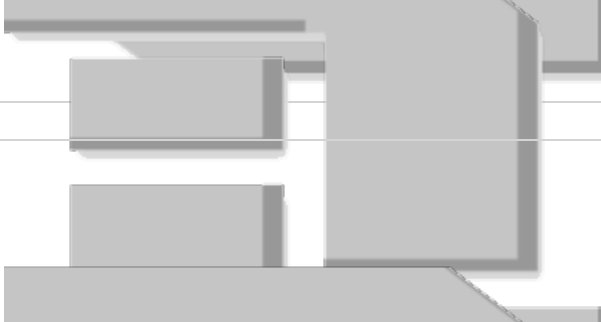
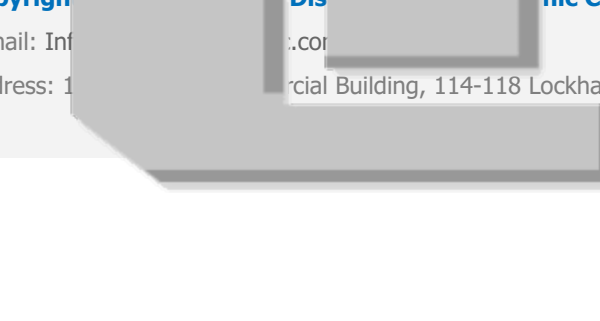
Specifications of S912XDT256F1CAL

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | S912XDT256F1CAL                                                                       |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                        |
| DESCRIPTION                      | 16-BIT MCU S12X CORE 256KB FLA                                                        |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                       |
| QUANTITY AVAILABLE               | 6241 pcs                                                                              |
| DATA SHEET                       |                                                                                       |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3.15 V ~ 5.5 V                                                                        |
| SUPPLIER DEVICE PACKAGE          | 112-LQFP (20x20)                                                                      |
| SPEED                            | 80MHz                                                                                 |
| 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                   | 112-LQFP                                                                              |
| OTHER NAMES                      | 935309862557                                                                          |
| OSCILLATOR TYPE                  | External                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                     |
| NUMBER OF I/O                    | 91                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                         |
| EEPROM SIZE                      | 4K x 8                                                                                |
| DETAILED DESCRIPTION             | HCS12X HCS12X Microcontroller IC 16-Bit 80MHz 256KB (256K x 8) FLASH 112-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 16x12b                                                                            |
| CORE SIZE                        | 16-Bit                                                                                |
| CORE PROCESSOR                   | HCS12X                                                                                |
| CONNECTIVITY                     | CANbus, I²C, SCI, SPI                                                                 |

Related Tags

|                               |                                    |                           |
|-------------------------------|------------------------------------|---------------------------|
| S912XDT256F1CAL               | S912XDT256F1CAL Distributor        | S912XDT256F1CAL Supplier  |
| S912XDT256F1CAL Price         | S912XDT256F1CAL Pictures           | S912XDT256F1CAL Image     |
| S912XDT256F1CAL PDF Datasheet | S912XDT256F1CAL Download Datasheet | S912XDT256F1CAL Datasheet |
| S912XDT256F1CAL Stock         | Buy S912XDT256F1CAL                | Buy S912XDT256F1CAL       |
| S912XDT256F1CAL               | Supplier                           | Distributor               |

Related Products

|                                                                                    |                                                                                                                             |                                                                                      |                                                                                                                            |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  | <b>S912XDP512J1VALR</b><br>Manufacturers: NXP<br>Description: 912XDP512J1 GENERAL<br>In stock: 4765 pcs<br>RFQ              |  | <b>S912XDT256F1VALR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 256KB FLA<br>In stock: 6609 pcs<br>RFQ  |
|  | <b>S912XDT256F1MAA</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 256KB FLA<br>In stock: 6012 pcs<br>RFQ    |  | <b>S912XDQ256F1MAL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 5603 pcs<br>RFQ |
|  | <b>S912XDT384J1MAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 5509 pcs<br>RFQ    |  | <b>S912XDQ256F1MAG</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 144LQFP<br>In stock: 3750 pcs<br>RFQ |
|  | <b>S912XDT256F1CAGR</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 144LQFP<br>In stock: 7095 pcs<br>RFQ |  | <b>S912XDT256F1VAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 256KB FLA<br>In stock: 5758 pcs<br>RFQ   |
|  | <b>S912XDT384J1MALR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 5220 pcs<br>RFQ   |  | <b>S912XDT256F1MAL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 5287 pcs<br>RFQ |
|  | <b>S912XDQ256F1VAA</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 256KB FLA<br>In stock: 5567 pcs<br>RFQ    |  | <b>S912XDT256F1CAG</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 256KB FLA<br>In stock: 5679 pcs<br>RFQ   |