

NXP Semiconductors / Freescale

S912XDT384J1MALR

|                     |                                |
|---------------------|--------------------------------|
| Part Number:        | S912XDT384J1MALR               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale |
| Product description | 16-BIT MCU S12X CORE 384KB FLA |
| Datasheets:         |                                |
| Stock Condition     | 5220 pcs stock                 |
| Ship From           | Hong Kong                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS          |

REQUEST FOR QUOTATION

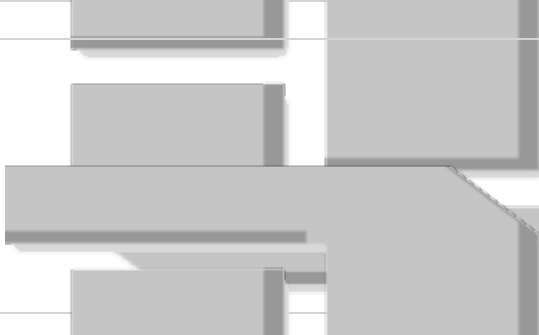
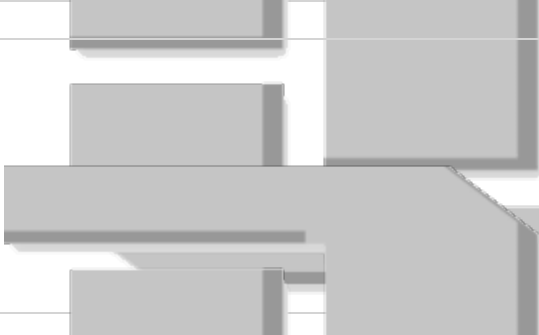
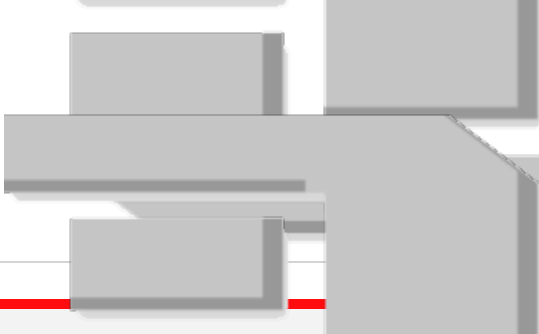
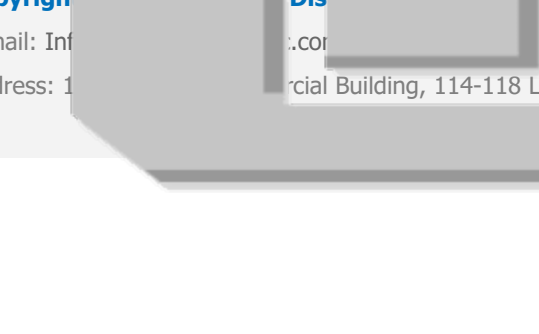
Specifications of S912XDT384J1MALR

|                                  |                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------|
| PART NUMBER                      | S912XDT384J1MALR                                                                      |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                        |
| DESCRIPTION                      | 16-BIT MCU S12X CORE 384KB FLA                                                        |
| LEAD FREE STATUS / ROHS STATUS   |                                                                                       |
| QUANTITY AVAILABLE               | 5220 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                         | 20K x 8                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                 |
| PROGRAM MEMORY SIZE              | 384KB (384K x 8)                                                                      |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                      |
| PACKAGE / CASE                   | 112-LQFP                                                                              |
| OTHER NAMES                      | 935313821528                                                                          |
| OSCILLATOR TYPE                  | External                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 384KB (384K x 8) FLASH 112-LQFP (20x20) |
| DATA CONVERTERS                  | A/D 16x12b                                                                            |
| CORE SIZE                        | 16-Bit                                                                                |
| CORE PROCESSOR                   | HCS12X                                                                                |
| CONNECTIVITY                     | CANbus, I <sup>2</sup> C, SCI, SPI                                                    |

Related Tags

|                                |                                     |                            |
|--------------------------------|-------------------------------------|----------------------------|
| S912XDT384J1MALR               | S912XDT384J1MALR Distributor        | S912XDT384J1MALR Supplier  |
| S912XDT384J1MALR Price         | S912XDT384J1MALR Pictures           | S912XDT384J1MALR Image     |
| S912XDT384J1MALR PDF Datasheet | S912XDT384J1MALR Download Datasheet | S912XDT384J1MALR Datasheet |
| S912XDT384J1MALR Stock         | Buy S912XDT384J1MALR                | Buy S912XDT384J1MALR       |
| S912XDT384J1MALR               | Supplier                            | Distributor                |

Related Products

|                                                                                    |                                                                                                                           |                                                                                      |                                                                                                                            |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
|  | <b>S912XDT512J1CAA</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 512KB FLA<br>In stock: 4931 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>S912XDT384J1VAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 5225 pcs<br>RFQ  |  | <b>S912XDT512J1MAA</b><br>Manufacturers: NXP<br>Description: 912XDT512J1 GENERAL<br>In stock: 3792 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>S912XDT256F1MAL</b><br>Manufacturers: NXP<br>Description: IC MCU 16BIT 256KB FLASH 112LQFP<br>In stock: 5287 pcs<br>RFQ |
|  | <b>S912XDT256F1CAL</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 256KB FLA<br>In stock: 6241 pcs<br>RFQ  |  | <b>S912XDT384J1VALR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 384KB FLA<br>In stock: 4874 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>S912XDT512J1CAG</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 512KB FLA<br>In stock: 5886 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>S912XDT512J1CAGR</b><br>Manufacturers: NXP<br>Description: 16-BIT MCU S12X CORE 512KB FLA<br>In stock: 5214 pcs<br>RFQ  |