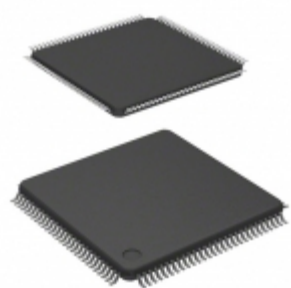


S912XEG384BCAL



Part Number: [S912XEG384BCAL](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: 16-BIT MCU S12X CORE 384KB FLA

Data sheet:

RoHs Status:

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy S912XEG384BCAL with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                  |                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | S912XEG384BCAL                            | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16-BIT MCU S12X CORE 384KB FLA            | Lead Free Status / RoHS Status   |                                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7350 pcs                                  | Data sheet                       |                                                                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 1.72 V ~ 5.5 V                                                                        |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 112-LQFP (20x20)                          | Speed                            | 50MHz                                                                                 |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | HCS12X                                    | RAM Size                         | 24K x 8                                                                               |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                     | Program Memory Size              | 384KB (384K x 8)                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | LVD, POR, PWM, WDT                        | Packaging                        | Tray                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 112-LQFP                                  | Other Names                      | 935321906557                                                                          |
| 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 50MHz 384KB (384K x 8) FLASH 112-LQFP (20x20) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A/D 16x12b                                | Core Size                        | 16-Bit                                                                                |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | HCS12X                                    | Connectivity                     | CANbus, EBI/EMI, I <sup>2</sup> C, IrDA, SCI, SPI                                     |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 7350 pieces of NXP Semiconductors / Freescale S912XEG384BCAL in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                                                       |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                               |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">S912XEG384BMAL</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384F0CAL</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384BCAA</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384F1CAAR</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384BCAAR</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG256BVALR</a><br>Description: 16 BIT 256K FLASH 16K           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384BMALR</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384BCAGR</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384F0CALR</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384BVALR</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384AVAG</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384BCALR</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384BVAL</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384BCAG</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384F0VAL</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384AVAGR</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384F1CAA</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG256J2CAL</a><br>Description: W/16 BIT 256K FLASH 16K         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG256J2CALR</a><br>Description: W/16 BIT 256K FLASH 16K        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">S912XEG384AVAL</a><br>Description: 16-BIT MCU S12X CORE 384KB FLA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

Related keywords for S912XEG384BCAL

|                                |                                   |                                              |                             |
|--------------------------------|-----------------------------------|----------------------------------------------|-----------------------------|
| NXP Semiconductors / Freescale | S912XEG384BCAL distributor        | S912XEG384BCAL supplier                      | S912XEG384BCAL price        |
| S912XEG384BCAL                 | S912XEG384BCAL download datasheet | S912XEG384BCAL datasheet                     | S912XEG384BCAL stock        |
| buy S912XEG384BCAL             | NXP Semiconductors / Freescale    | NXP Semiconductors S912XEG384BCAL            | Freescale S912XEG384BCAL    |
|                                | S912XEG384BCAL                    | Freescale Semiconductor - NXP S912XEG384BCAL | NXP USA Inc. S912XEG384BCAL |