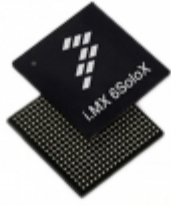


MCIMX6X3EVO10AB



Part Number: [MCIMX6X3EVO10AB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX6SX 1GHZ 400MAPBGA

Data sheet:  [i.MX 6 Series Overview](#)  
 [i.MX 6 Series Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

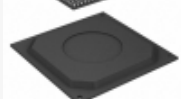
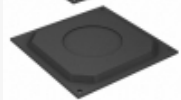
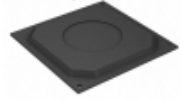
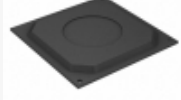
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                           |                                 |                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                               | MCIMX6X3EVO10AB                                                                                           | Manufacturer                    | <a href="#">NXP Semiconductors / Freescale</a>                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MPU I.MX6SX 1GHZ 400MAPBGA                                                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                        |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                        | 4549 pcs                                                                                                  | Data sheet                      | <a href="#">i.MX 6 Series Overview</a><br><a href="#">i.MX 6 Series Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                                                 | Voltage - I/O                   | 1.8V, 2.5V, 2.8V, 3.15V                                                           |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                       | USB 2.0 + PHY (1), USB 2.0 OTG + PHY (2)                                                                  | Supplier Device Package         | 400-MAPBGA (14x14)                                                                |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                     | 200MHz, 1GHz                                                                                              | Series                          | i.MX6SX                                                                           |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                         | A-HAB, ARM TZ, CAAM, CSU, SNVS, System JTAG, TVDECODE                                                     | SATA                            | -                                                                                 |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                           | LPDDR2, LVDDR3, DDR3                                                                                      | Packaging                       | Tray                                                                              |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                            | 400-LFBGA                                                                                                 | Other Names                     | 935323679557                                                                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                     | -20°C ~ 105°C (TJ)                                                                                        | Number of Cores/Bus Width       | 2 Core, 32-Bit                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                          | 3 (168 Hours)                                                                                             | Manufacturer Standard Lead Time | 15 Weeks                                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                                                                | Graphics Acceleration           | Yes                                                                               |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10/100/1000 Mbps (2)                                                                                      | Display & Interface Controllers | Keypad, LCD                                                                       |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                      | ARM® Cortex®-A9, ARM® Cortex®-M4 Microprocessor IC i.MX6SX 2 Core, 32-Bit 200MHz, 1GHz 400-MAPBGA (14x14) | Core Processor                  | ARM® Cortex®-A9, ARM® Cortex®-M4                                                  |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                         | Multimedia; NEON™ MPE                                                                                     | Additional Interfaces           | AC'97, CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPDIF, SPI, SSI, UART                     |
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|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCIMX6X3CVO08AB</a><br>Description: IC MPU I.MX6SX 800MHZ 400MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X3CVN08AC</a><br>Description: I.MX 6SX ROM PERF ENHAN          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6Y0CVM05AA</a><br>Description: 528MHZ,ETHERNET X1, USB OTG X1,  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X3EVK10AC</a><br>Description: I.MX 6SX ROM PERF ENHAN          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X3CVN08AB</a><br>Description: IC MPU I.MX6SX 800MHZ 400MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X3EVK10AB</a><br>Description: IC MPU I.MX6SX 1GHZ 400MAPBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X3EVN10AB</a><br>Description: IC MPU I.MX6SX 1GHZ 400MAPBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X4AVM08AC</a><br>Description: I.MX6SX ROM PERF ENHAN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X3EVK10ABR</a><br>Description: I.MX 6 SERIES 32-BIT MPU ARM CO | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X4CVM08AB</a><br>Description: IC MPU I.MX6SX 800MHZ 529MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X3EVN10AC</a><br>Description: I.MX 6SX ROM PERF ENHAN          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X3CVO08AC</a><br>Description: I.MX 6SX ROM PERF ENHAN          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X3EVO10AC</a><br>Description: I.MX 6SX ROM PERF ENHAN          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X4AVM08ABR</a><br>Description: I.MX 6 SERIES 32-BIT MPU ARM CO | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X4CVM08AC</a><br>Description: I.MX6SX ROM PERF ENHAN           | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X3EVK10ACR</a><br>Description: I.MX 6SX ROM PERF ENHAN         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X4AVM08AB</a><br>Description: IC MPU I.MX6SX 800MHZ 529MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X4EVM10AC</a><br>Description: I.MX 6SX ROM PERF ENHAN          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X4AVM08ACR</a><br>Description: I.MX6SX ROM PERF ENHAN          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX6X4EVM10AB</a><br>Description: IC MPU I.MX6SX 1GHZ 529MAPBGA    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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