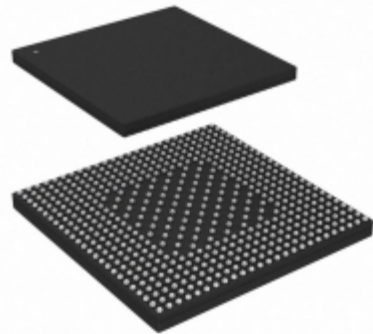


MCIMX7S3EVK08SC



Part Number: [MCIMX7S3EVK08SC](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: NO EPDC, 1 ETH, NO CAN, 1 OTG 1

Data sheet:  [MCIMX7Dx\(D,E\)\\_C](#)  
 [i.MX 7Solo Reference Manual](#)

RoHs Status: Lead free / RoHS Compliant

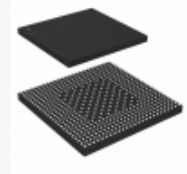
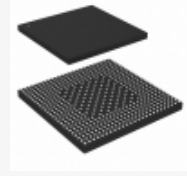
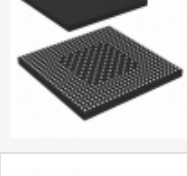
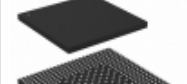
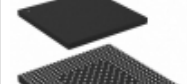
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy MCIMX7S3EVK08SC with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                            |                                |                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MCIMX7S3EVK08SC                                            | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | NO EPDC, 1 ETH, NO CAN, 1 OTG 1                            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 6456 pcs                                                   | Data sheet                     | <a href="#">MCIMX7Dx(D,E)_C</a><br><a href="#">i.MX 7Solo Reference Manual</a>                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                  | Voltage - I/O                  | 1.8V, 3.3V                                                                                       |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | USB 2.0 + PHY (1), USB 2.0 OTG + PHY (1)                   | Supplier Device Package        | 488-FBGA (12x12)                                                                                 |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 800MHz                                                     | Series                         | i.MX7S                                                                                           |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | A-HAB, ARM TZ, CAAM, CSU, SJC, SNVS                        | SATA                           | -                                                                                                |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LPDDR2, LPDDR3, DDR3, DDR3L                                | Packaging                      | Tray                                                                                             |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 488-TFBGA                                                  | Other Names                    | 568-14243<br>935322464557<br>MCIMX7S3EVK08SC-ND                                                  |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -20°C ~ 105°C (TJ)                                         | Number of Cores/Bus Width      | 1 Core, 32-Bit                                                                                   |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3 (168 Hours)                                              | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                       |
| Graphics Acceleration                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | No                                                         | Ethernet                       | 10/100/1000 Mbps (1)                                                                             |
| Display & Interface Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Keypad, LCD, MIPI                                          | Detailed Description           | ARM® Cortex®-A7, ARM® Cortex®-M4 Microprocessor IC i.MX7S 1 Core, 32-Bit 800MHz 488-FBGA (12x12) |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ARM® Cortex®-A7, ARM® Cortex®-M4                           | Co-Processors/DSP              | Multimedia; NEON™ MPE                                                                            |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | AC'97, eCSPI, I²C, I²S, MMC/SD/SDIO, PCIe, QSPI, SAI, UART |                                |                                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                               |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MCIMX7D3EVK10SD</a><br>Description: i.MX 7DUAL: REV 1.3              | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D5EVM10SC</a><br>Description: NO EPDC 2 ETH CAN 2 OTG 1 HSIC P | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D7DVK10SD</a><br>Description: MPU i.MX 7D 1GHZ MAPBGA          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7S5EVK08SC</a><br>Description: NO EPDC, 1 ETH, CAN, 1 OTG 1 HSI | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7SABRE</a><br>Description: i.MX7 DEVELOPMENT KIT                | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7S5EVM08SC</a><br>Description: NO EPDC, 1 ETH, CAN, 1 OTG 1 HSI | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7S3DVK08SC</a><br>Description: NO EPDC, 1 ETH, NO CAN, 1 OTG 1  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D3EVK10SC</a><br>Description: NO EPDC, 2 ETH, NO CAN, 2 OTG 1  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX8M-EVK</a><br>Description: EVAL BOARD FOR IMX8M                 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7S3DVK08SD</a><br>Description: i.MX 7SOLO: REV 1.3              | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D3DVK10SC</a><br>Description: NO EPDC, 2 ETH, NO CAN, 2 OTG 1  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7S5EVK08SD</a><br>Description: i.MX 7SOLO: REV 1.3              | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D7DVK10SC</a><br>Description: EPDC, 2 ETH, CAN, 2 OTG 1 HSIC,  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D7DVM10SC</a><br>Description: EPDC, 2 ETH, CAN, 2 OTG 1 HSIC,  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7S5EVM08SD</a><br>Description: i.MX 7SOLO: REV 1.3              | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D5EVM10SD</a><br>Description: i.MX 7DUAL: REV 1.3              | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D7DVM10SD</a><br>Description: MPU i.MX 7D 1GHZ MAPBGA          | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7D3DVK10SD</a><br>Description: i.MX 7DUAL: REV 1.3              | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7S3EVK08SD</a><br>Description: i.MX 7SOLO: REV 1.3              | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MCIMX7S3EVK08SC</a><br>Description: HDMI INTERFACE CARD FOR MX535/08 | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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