

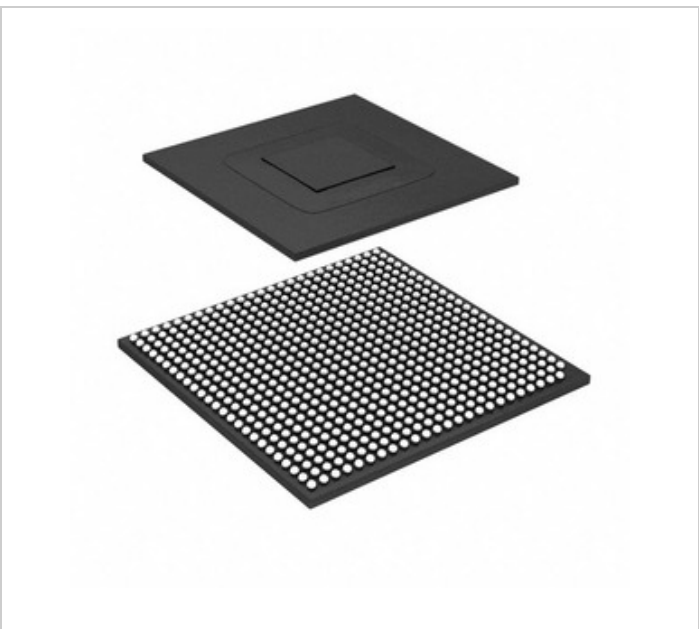


Image may be representation. See specifications for product details.

### MCIMX6S5EVM10AB

|                     |                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MCIMX6S5EVM10AB                                                                                                                                                                                                                                                                                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                                                                                        |
| Product description | IC MPU I.MX6S 1.0GHZ 624MAPBGA <div> 1.MCIMX6S5EVM10AB.pdf<div> 2.MCIMX6S5EVM10AB.pdf<div> 3.MCIMX6S5EVM10AB.pdf</div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                       |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                          |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                 |

REQUEST FOR QUOTATION

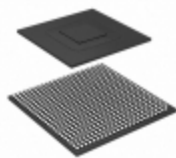
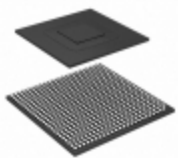
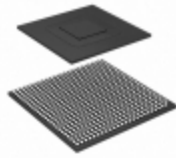
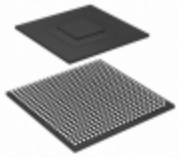
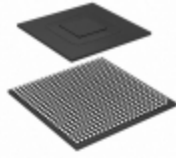
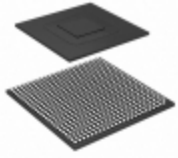
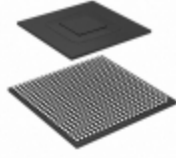
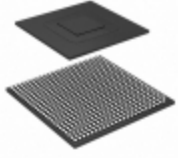
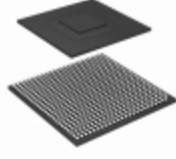
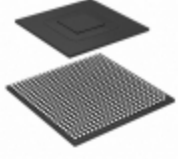
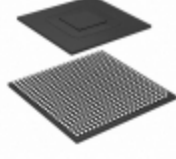
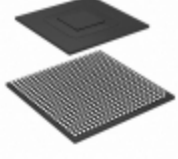
#### Specifications of MCIMX6S5EVM10AB

|                                  |                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MCIMX6S5EVM10AB                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC MPU I.MX6S 1.0GHZ 624MAPBGA                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <div> 1.MCIMX6S5EVM10AB.pdf<div> 2.MCIMX6S5EVM10AB.pdf<div> 3.MCIMX6S5EVM10AB.pdf</div></div></div> |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 2.8V, 3.3V                                                                                                                                                                                                                                                                                                                                       |
| USB                              | USB 2.0 + PHY (4)                                                                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 624-MAPBGA (21x21)                                                                                                                                                                                                                                                                                                                                           |
| SPEED                            | 1.0GHz                                                                                                                                                                                                                                                                                                                                                       |
| SERIES                           | i.MX6S                                                                                                                                                                                                                                                                                                                                                       |
| SECURITY FEATURES                | ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection                                                                                                                                                                                                                                          |
| SATA                             | -                                                                                                                                                                                                                                                                                                                                                            |
| RAM CONTROLLERS                  | LPDDR2, LVDDR3, DDR3                                                                                                                                                                                                                                                                                                                                         |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 624-LFBGA                                                                                                                                                                                                                                                                                                                                                    |
| OTHER NAMES                      | 935317895557                                                                                                                                                                                                                                                                                                                                                 |
| 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            | Yes                                                                                                                                                                                                                                                                                                                                                          |
| ETHERNET                         | 10/100/1000 Mbps (1)                                                                                                                                                                                                                                                                                                                                         |
| DISPLAY & INTERFACE CONTROLLERS  | Keypad, LCD                                                                                                                                                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | ARM® Cortex®-A9 Microprocessor IC i.MX6S 1 Core, 32-Bit 1.0GHz 624-MAPBGA (21x21)                                                                                                                                                                                                                                                                            |
| CORE PROCESSOR                   | ARM® Cortex®-A9                                                                                                                                                                                                                                                                                                                                              |
| CO-PROCESSORS/DSP                | Multimedia; NEON™ SIMD                                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | MCIMX6                                                                                                                                                                                                                                                                                                                                                       |
| ADDITIONAL INTERFACES            | CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, UART                                                                                                                                                                                                                                                                                                              |

#### Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MCIMX6S5EVM10AB | MCIMX6S5EVM10AB Distributor             | MCIMX6S5EVM10AB Supplier                           |
| MCIMX6S5EVM10AB Price                          | MCIMX6S5EVM10AB Pictures                | MCIMX6S5EVM10AB Image                              |
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| NXP Semiconductors / Freescale MCIMX6S5EVM10AB | NXP Semiconductors MCIMX6S5EVM10AB      | Freescale MCIMX6S5EVM10AB                          |
| Freescale Semiconductor - NXP MCIMX6S5EVM10AB  | NXP USA Inc. MCIMX6S5EVM10AB            |                                                    |

#### Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                |
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| <div></div> <div><b>MCIMX6S5EVM10AD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6S ROM PERF ENHAN<br/>In stock: 59 pcs<br/><div>RFQ</div></div>             | <div></div> <div><b>MCIMX6S5EVM10AC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCIMX6S5DVM10ADR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: II.MX 6S ROM PERF ENHAN<br/>In stock: Out stock<br/><div>RFQ</div></div>        | <div></div> <div><b>MCIMX6S6AVM08AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6S 800MHZ 624MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MCIMX6S5DVM10AB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA<br/>In stock: 529 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MCIMX6S5EVM10ABR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCIMX6S5EVM10ACR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MCIMX6S5DVM10ABR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MCIMX6S5DVM10AC</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA<br/>In stock: 415 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MCIMX6S5EVM10ADR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: I.MX 6S ROM PERF ENHAN<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
| <div></div> <div><b>MCIMX6S5DVM10ACR</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MCIMX6S5DVM10AD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: II.MX 6S ROM PERF ENHAN<br/>In stock: 60 pcs<br/><div>RFQ</div></div>            |