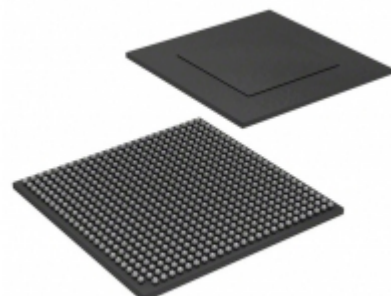


## MCIMX6D5EYM10AC



**Part Number:** [MCIMX6D5EYM10AC](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** IC MPU I.MX6D 1.0GHZ 624FCBGA  
**Data sheet:** [MCIMX6\(Q,D\)y\(D,E\)yyyyC Datasheet](#)  
[i.MX 6 Series Fact Sheet](#)  
[i.MX 6Dual/6Quad Chip Errata](#)  
[iMX6D Ref 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.  
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### PRODUCT PARAMETER

<b>Part Number</b>	<a href="#">MCIMX6D5EYM10AC</a>
<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	IC MPU I.MX6D 1.0GHZ 624FCBGA
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	1861 pcs
<b>Product Photo</b>	<a href="#">MCIMX6D5EYM10AC.jpg</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>
<b>Voltage - I/O</b>	1.8V, 2.5V, 2.8V, 3.3V
<b>USB</b>	USB 2.0 + PHY (4)
<b>Supplier Device Package</b>	624-FCBGA (21x21)
<b>Speed</b>	1.0GHz
<b>Series</b>	i.MX6D
<b>Security Features</b>	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection
<b>SATA</b>	SATA 3Gbps (1)
<b>RAM Controllers</b>	LPDDR2, LVDDR3, DDR3
<b>Packaging</b>	Tray
<b>Package / Case</b>	624-FBGA, FCBGA
<b>Other Names</b>	935323467557
<b>Operating Temperature</b>	-20°C ~ 105°C (TJ)
<b>Number of Cores/Bus Width</b>	2 Core, 32-Bit
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Graphics Acceleration</b>	Yes
<b>Ethernet</b>	10/100/1000 Mbps (1)
<b>Display &amp; Interface Controllers</b>	Keypad, LCD
<b>Detailed Description</b>	ARM® Cortex®-A9 Microprocessor IC i.MX6D 2 Core, 32-Bit 1.0GHz 624-FCBGA (21x21)
<b>Core Processor</b>	ARM® Cortex®-A9
<b>Co-Processors/DSP</b>	Multimedia; NEON™ SIMD
<b>Base Part Number</b>	MCIMX6
<b>Additional Interfaces</b>	CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, UART

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	<b>Part#:</b> <a href="#">MCIMX6D4AVT08AE</a> <b>Description:</b> IC MPU I.MX6D ENHANCED 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 1963	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D5EYM10AER</a> <b>Description:</b> IC MPU I.MX6D ENHANCED 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 2353	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D4AVT08AER</a> <b>Description:</b> IC MPU I.MX6D ENHANCED 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 1923	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D5EYM10AE</a> <b>Description:</b> IC MPU I.MX6D ENHANCED 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 2486	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D4AVT10ADR</a> <b>Description:</b> IC MPU I.MX6D 1.0GHZ 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 2009	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D5EYM10AD</a> <b>Description:</b> IC MPU I.MX6D 1.0GHZ 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 2053	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D5EYM10ACR</a> <b>Description:</b> IC MPU I.MX6D 1.0GHZ 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 2809	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D4AVT10AER</a> <b>Description:</b> I.MX6D ROM PERF ENHAN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 1772	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D4AVT10AE</a> <b>Description:</b> I.MX6D ROM PERF ENHAN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 1635	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D4AVT08AD</a> <b>Description:</b> IC MPU I.MX6D 852MHZ 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 2256	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D5EYM10CE</a> <b>Description:</b> I.MX6DQ ROM PERF ENHAN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 1971	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D5EYM10ADR</a> <b>Description:</b> IC MPU I.MX6D 1.0GHZ 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 2718	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D4AVT10ACR</a> <b>Description:</b> IC MPU I.MX6D 1.0GHZ 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 2099	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D5EYM12CE</a> <b>Description:</b> I.MX6DQ 1ROM PERF ENHAN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 1909	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D4AVT08ADR</a> <b>Description:</b> IC MPU I.MX6D 852MHZ 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 2124	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D4AVT10AC</a> <b>Description:</b> IC MPU I.MX6D 1.0GHZ 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 2094	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D4AVT10AD</a> <b>Description:</b> IC MPU I.MX6D 1.0GHZ 624FCBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 1972	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D5EYM12AD</a> <b>Description:</b> I.MX 6 SERIES 32-BIT MPU ARM CO	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 2184	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MCIMX6D5EYM12AC</a> <b>Description:</b> I.MX 6 SERIES 32-BIT MPU ARM CO	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a> <b>In Stock:</b> 2093	<a href="#">RFQ</a>

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