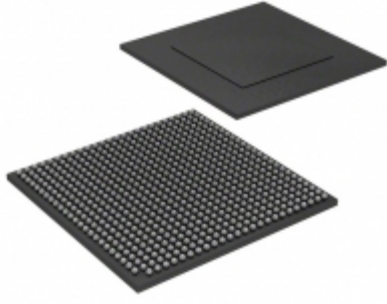


MCIMX6D5EYM10ACR



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MCIMX6D5EYM10ACR](#)

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](#)

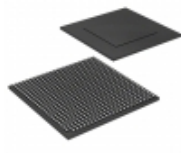
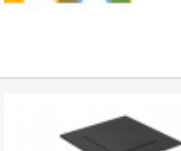
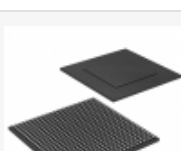
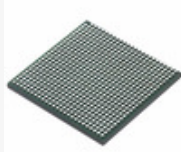
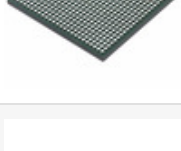
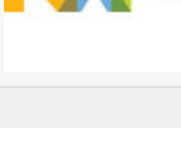
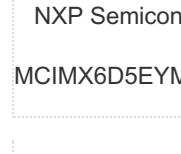
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MCIMX6D5EYM10ACR	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX6D 1.0GHZ 624FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2306 pcs	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
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 2.5V, 2.8V, 3.3V
USB	USB 2.0 + PHY (4)	Supplier Device Package	624-FCBGA (21x21)
Speed	1.0GHz	Series	i.MX6D
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection	SATA	SATA 3Gbps (1)
RAM Controllers	LPDDR2, LVDDR3, DDR3	Packaging	Tape & Reel (TR)
Package / Case	624-FBGA, FCBGA	Other Names	935323467518
Operating Temperature	-20°C ~ 105°C (TJ)	Number of Cores/Bus Width	2 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.MX6D 2 Core, 32-Bit 1.0GHz 624-FCBGA (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
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