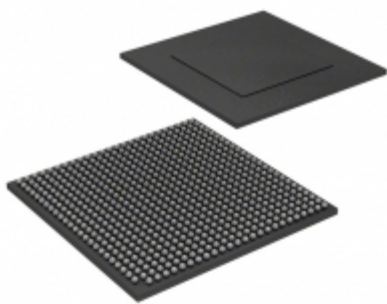


MCIMX6D4AVT08ACR



Images are for reference only.
See Product Specifications for product details.
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Part Number: MCIMX6D4AVT08ACR

Manufacturer: NXP Semiconductors / Freescale

Description: IC MPU I.MX6D 852MHZ 624FCBGA

Data sheet:

 I.MX 6 Series Fact Sheet

 MCIMX6(D,Q)YyyyyC Datasheet

 i.MX 6Dual/6Quad Chip Errata

 iMX6D Ref Manual

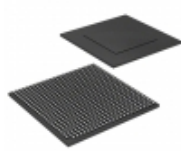
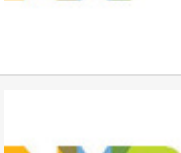
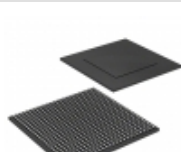
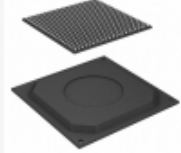
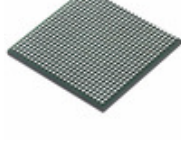
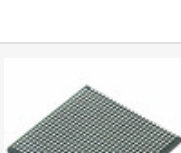
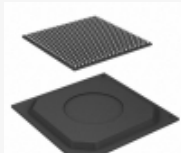
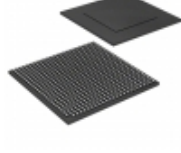
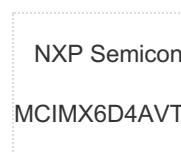
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MCIMX6D4AVT08ACR	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX6D 852MHZ 624FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2528 pcs	Data sheet	I.MX 6 Series Fact Sheet MCIMX6(D,Q)YyyyyC Datasheet 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	852MHZ	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	935325679518
Operating Temperature	-40°C ~ 125°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 852MHZ 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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	Part#: MCIMX537CVV8C2R2 Description: I.MX53 32-BIT MPU ARM CORTEX-A8	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6D4AVT08AD Description: IC MPU I.MX6D 852MHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6D4AVT08AC Description: IC MPU I.MX6D 852MHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX537CVV8CR2 Description: IC MPU I.MX53 800MHZ 529TEBGA-2	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6D4AVT08AER Description: IC MPU I.MX6D ENHANCED 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6D4AVT08AE Description: IC MPU I.MX6D ENHANCED 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6D4AVT10AD Description: IC MPU I.MX6D 1.0GHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX537CVV8B Description: IC MPU I.MX53 800MHZ 529TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6D4AVT10ADR Description: IC MPU I.MX6D 1.0GHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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