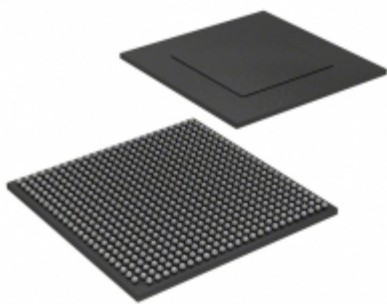


MCIMX6D4AVT08ADR



Part Number: [MCIMX6D4AVT08ADR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX6D 852MHZ 624FCBGA

Data sheet: [PDF I.MX 6 Series Fact Sheet](#)
[PDF MCIMX6\(D,Q\)YyyyC Datasheet](#)
[PDF i.MX 6Dual/6Quad Chip Errata](#)
[PDF iMX6D Ref Manual](#)

RoHs Status: Lead free / RoHS Compliant

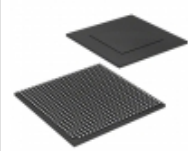
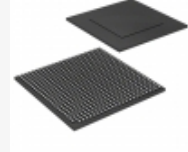
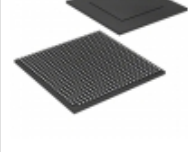
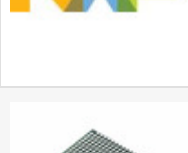
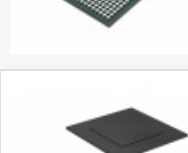
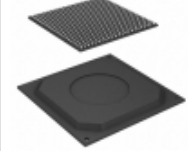
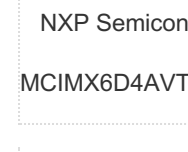
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MCIMX6D4AVT08ADR	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX6D 852MHZ 624FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2334 pcs	Data sheet	I.MX 6 Series Fact Sheet MCIMX6(D.Q)yAyyyC 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	935320812518
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
Additional Interfaces	CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, UART		
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RFQ Email: info@Components-World.com			

RELATED PRODUCTS			
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	Part#: MCIMX6D4AVT08AC Description: IC MPU I.MX6D 852MHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6D5EYM10ACR Description: IC MPU I.MX6D 1.0GHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6D5EYM10AC Description: IC MPU I.MX6D 1.0GHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6D4AVT10AE Description: I.MX6D ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6D4AVT08AE Description: IC MPU I.MX6D ENHANCED 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX537CVV8C Description: IC MPU I.MX53 800MHZ 529TEBGA-2	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX53SMD Description: TABLET SABRE PLATFORM MCIMX53	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX537CVV8C2 Description: IC MPU I.MX53 800MHZ 529TEBGA-2	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6D4AVT10AER Description: I.MX6D ROM PERF ENHAN	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX53SABREAI Description: KIT DEVELOPMENT AUTO I.MX53	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX537CVV8B Description: IC MPU I.MX53 800MHZ 529TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6D4AVT08ACR Description: IC MPU I.MX6D 852MHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6D4AVT10ADR Description: IC MPU I.MX6D 1.0GHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX537CVV8C2R2 Description: I.MX53 32-BIT MPU ARM CORTEX-A8	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX537CVV8C2 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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