

**MCIMX6Q4AVT08AD**

Manufacturer Part Number:	MCIMX6Q4AVT08AD
Manufacturer / Brand	NXP Semiconductors / Freescale
Part of Description:	IC MPU I.MX6Q 852MHZ 624FCBGA
Datasheets:	<a href="#">MCIMX6Q4AVT08AD(1).pdf</a> <a href="#">MCIMX6Q4AVT08AD(2).pdf</a> <a href="#">MCIMX6Q4AVT08AD(3).pdf</a>
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 100 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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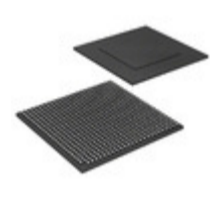

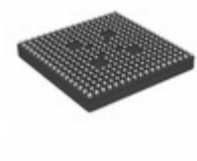
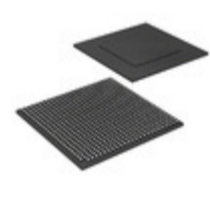
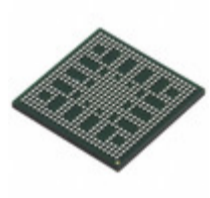
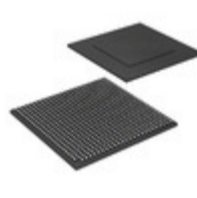
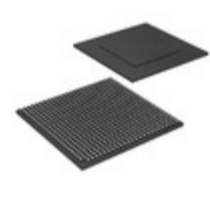
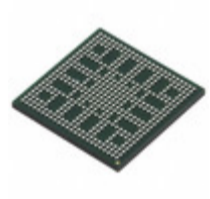
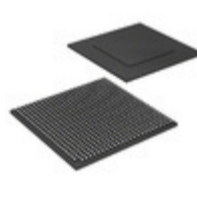
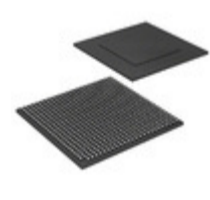
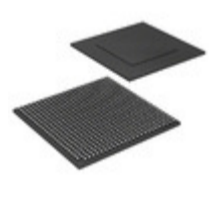
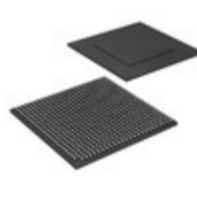
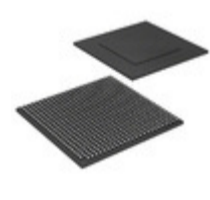


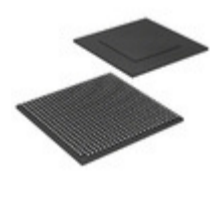
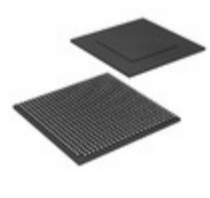
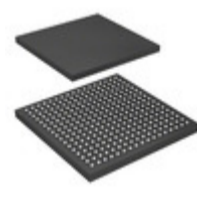
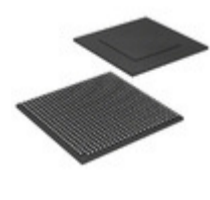
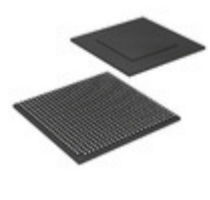
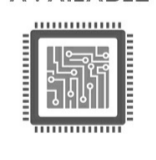
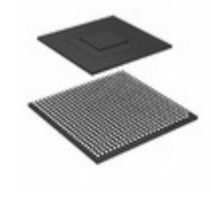
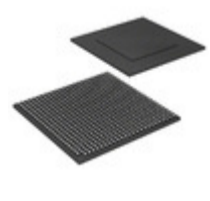
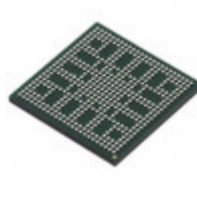

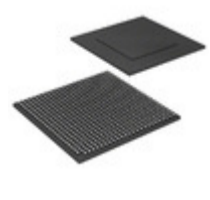
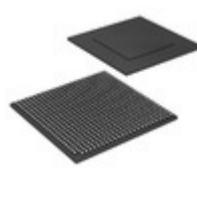
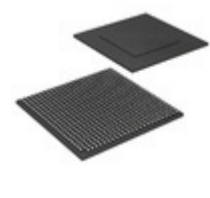
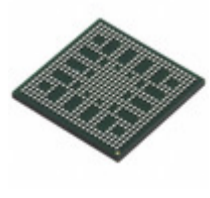
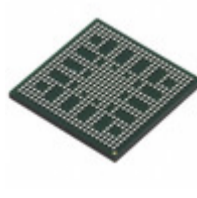
The specifications of MCIMX6Q4AVT08AD

Part Number	MCIMX6Q4AVT08AD	Manufacturer / Brand	NXP Semiconductors / Freescale
Series	i.MX6Q	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Package / Case	624-FBGA, FCBGA	Packaging	Tray
Supplier Device Package	624-FCBGA (21x21)	Operating Temperature	-40°C ~ 125°C (TJ)
Detailed Description	ARM® Cortex®-A9 Microprocessor IC i.MX6Q 4 Core, 32-Bit 852MHZ 624-FCBGA (21x21)	Core Processor	ARM® Cortex®-A9
Speed	852MHZ	Ethernet	10/100/1000 Mbps (1)
USB	USB 2.0 + PHY (4)	Voltage - I/O	1.8V, 2.5V, 2.8V, 3.3V
Number of Cores/Bus Width	4 Core, 32-Bit	Co-Processors/DSP	Multimedia; NEON™ SIMD
RAM Controllers	LPDDR2, LVDDR3, DDR3	Graphics Acceleration	Yes
Display & Interface Controllers	Keypad, LCD	SATA	SATA 3Gbps (1)
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection	Additional Interfaces	CAN, PC, FS, MMC/SD/SDIO, SAI, SPI, SSI, UART
Other Names	935317979557	Stock Quantity	100 pcs Stock
Category	<a href="#">Integrated Circuits (ICs) &gt; Embedded - Microprocessors</a>	Description	IC MPU I.MX6Q 852MHZ 624FCBGA
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to MCIMX6Q4AVT08AD

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 <p><b>MCIMX6DP5EYM1AA</b> Description: IC MPU I.MX6DP 1GHZ 624FCBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>MCIMX6D7CVT08AC</b> Description: IC MPU I.MX6D 800MHZ 624FCBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>MCIMX6Q6AVT10AD</b> Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 200 pcs Stock Available. Quote: <input type="text"/> RFQ</p>
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 <p><b>MCIMX6S1AVM08AB</b> Description: IC MPU I.MX6S 800MHZ 624MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 900 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>MCIMX6Q4AVT08AC</b> Description: IC MPU I.MX6Q 852MHZ 624FCBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 100 pcs Stock Available. Quote: <input type="text"/> RFQ</p>	 <p><b>MCIMX6L8DVN10AB</b> Description: IC MPU I.MX6SL 1.0GHZ 432MAPBGA Manufacturers: NXP Semiconductors / Freescale In Stock: New original, 13100 pcs Stock Available. Quote: <input type="text"/> RFQ</p>
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