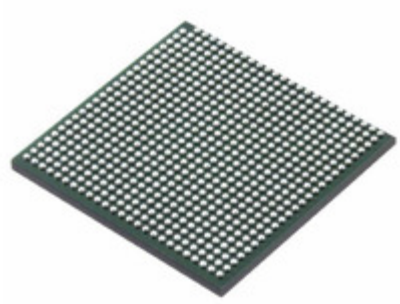


MCIMX6DP6AVT8AB



Part Number: [MCIMX6DP6AVT8AB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX6DP ENHAN 624FCBGA

Data sheet:  [MCIMX6\(D,Q\)PxAVTx\(A,B\)](#)

RoHs Status: Lead free / RoHS Compliant

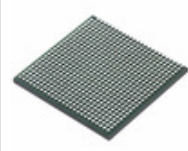
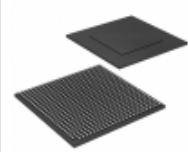
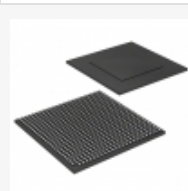
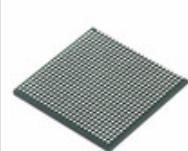
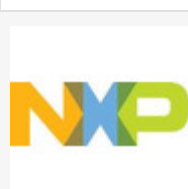
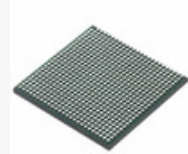
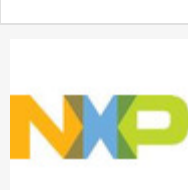
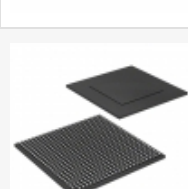
Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MCIMX6DP6AVT8AB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX6DP ENHAN 624FCBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1452 pcs	Data sheet	MCIMX6(D,Q)PxAVTx(A,B)
Category	Integrated Circuits (ICs)	Voltage - I/O	1.8V, 2.5V, 2.8V, 3.3V
USB	USB 2.0 + PHY (3), USB 2.0 OTG + PHY (1)	Supplier Device Package	624-FCBGA (21x21)
Speed	852MHZ	Series	i.MX6DP
Security Features	ARM TZ, A-HAB, CAAM, CSU, SJC, SNVS	SATA	SATA 3Gbps (1)
RAM Controllers	LPDDR2, DDR3L, DDR3	Packaging	Tray
Package / Case	624-FBGA, FCBGA	Other Names	568-13540 935357862557
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Cores/Bus Width	2 Core, 32-Bit
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	15 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Graphics Acceleration	Yes
Ethernet	10/100/1000 Mbps (1)	Display & Interface Controllers	HDMI, Keypad, LCD, LVDS, MIPI/DSI, Parallel
Detailed Description	ARM® Cortex®-A9 Microprocessor IC i.MX6DP 2 Core, 32-Bit 852MHZ 624-FCBGA (21x21)	Core Processor	ARM® Cortex®-A9
Co-Processors/DSP	Multimedia; NEON™ SIMD		
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	Part#: MCIMX6DP6AVT1AA Description: IC MPU I.MX6DP 1GHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6G0DVM05ABR Description: I.MX 32-BIT MPU ARM CORTEX-A7 C	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6DP6AVT8AA Description: IC MPU I.MX6DP 852MHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6DP6AVT1AB Description: IC MPU I.MX6DP ENHAN 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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