



MCIMX6QP6AVT1AA

Manufacturer Part Number:	MCIMX6QP6AVT1AA
Manufacturer / Brand:	NXP Semiconductors / Freescale
Part of Description:	IC MPU I.MX6QP 1GHZ 624FCBGA
Datasheets:	MCIMX6QP6AVT1AA(1).pdf MCIMX6QP6AVT1AA(2).pdf
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 MCIMX6QP6AVT1AA

Part Number	MCIMX6QP6AVT1AA	Manufacturer / Brand	NXP Semiconductors / Freescale
Series	i.MX6QP	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.MX6QP 4 Core, 32-Bit 1.0GHz 624-FCBGA (21x21)	Core Processor	ARM® Cortex®-A9
Speed	1.0GHz	Ethernet	10/100/1000 Mbps (1)
USB	USB 2.0 + PHY (3), USB 2.0 OTG + PHY (1)	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, DDR3L, DDR3	Graphics Acceleration	Yes
Display & Interface Controllers	HDMI, Keypad, LCD, LVDS, MIPI/DSI, Parallel	SATA	SATA 3Gbps (1)
Security Features	ARM TZ, A-HAB, CAAM, CSU, SJC, SNVS	Additional Interfaces	CAN, EBI/EMI, IFC, IFS, MMC/SD/SDIO, SAI, SPI, SSI, S/PDIF, UART
Other Names	935318871557	Stock Quantity	100 pcs Stock
Category	Integrated Circuits (ICs) > Embedded - Microprocessors	Description	IC MPU I.MX6QP 1GHZ 624FCBGA
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		

Keywords related to MCIMX6QP6AVT1AA

NXP Semiconductors / Freescale MCIMX6QP6AVT1AA	MCIMX6QP6AVT1AA part	MCIMX6QP6AVT1AA Price	MCIMX6QP6AVT1AA Distributor
MCIMX6QP6AVT1AA Technical	MCIMX6QP6AVT1AA Stock	MCIMX6QP6AVT1AA Inventory	MCIMX6QP6AVT1AA Supplier
MCIMX6QP6AVT1AA Online Order	MCIMX6QP6AVT1AA Inquiry	MCIMX6QP6AVT1AA Image	MCIMX6QP6AVT1AA Picture
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