

NXP Semiconductors / Freescale

MCIMX6D6AVT10AE

Part Number:	MCIMX6D6AVT10AE
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU I.MX6D ENHANCED 624FCBGA
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	1257 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MCIMX6D6AVT10AE

PART NUMBER	MCIMX6D6AVT10AE
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6D ENHANCED 624FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1257 pcs
DATA SHEET	
VOLTAGE - I/O	1.8V, 2.5V, 2.8V, 3.3V
USB	USB 2.0 + PHY (4)
SUPPLIER DEVICE PACKAGE	624-FCBGA (21x21)
SPEED	1.0GHz
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	Tray
PACKAGE / CASE	624-FBGA, FCBGA
OTHER NAMES	568-13533 935357612557
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 1.0GHz 624-FCBGA (21x21)
CORE PROCESSOR	ARM® Cortex®-A9
CO-PROCESSORS/DSP	Multimedia; NEON™ SIMD

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Related Products

	<p>MCIMX6D7CZK08AE</p> <p>Manufacturers: NXP Description: ARIK-Q POP ROM PERF ENHA In stock: 1631 pcs</p> <p>RFQ</p>		<p>MCIMX6D6AVT10ADR</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6D 1.0GHZ 624FCBGA In stock: 1881 pcs</p> <p>RFQ</p>
	<p>MCIMX6D7CVT08AC</p> <p>Manufacturers: NXP Description: IC MPU I.MX6D 800MHZ 624FCBGA In stock: 2246 pcs</p> <p>RFQ</p>		<p>MCIMX6D6AVT08AER</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: I.MX6D ROM PERF ENHAN In stock: 1935 pcs</p> <p>RFQ</p>
	<p>MCIMX6D6AVT10ACR</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6D 1.0GHZ 624FCBGA In stock: 1838 pcs</p> <p>RFQ</p>		<p>MCIMX6D7CZK08AD</p> <p>Manufacturers: NXP Description: I.MX 6 SERIES 32-BIT MPU QUAD A In stock: 1874 pcs</p> <p>RFQ</p>
	<p>MCIMX6D6AVT10AER</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6D ENHANCED 624FCBGA In stock: 1465 pcs</p> <p>RFQ</p>		<p>MCIMX6D7CVT08AD</p> <p>Manufacturers: NXP Description: IC MPU I.MX6D 800MHZ 624FCBGA In stock: 1688 pcs</p> <p>RFQ</p>
	<p>MCIMX6D6AVT08AE</p> <p>Manufacturers: NXP Description: I.MX6D ROM PERF ENHAN In stock: 2017 pcs</p> <p>RFQ</p>		<p>MCIMX6D6AVT10AC</p> <p>Manufacturers: NXP Description: IC MPU I.MX6D 1.0GHZ 624FCBGA In stock: 1844 pcs</p> <p>RFQ</p>
	<p>MCIMX6D7CVT08AE</p> <p>Manufacturers: NXP Description: I.MX6D ROM PERF ENHAN In stock: 1647 pcs</p> <p>RFQ</p>		<p>MCIMX6D6AVT10AD</p> <p>Manufacturers: NXP Description: IC MPU I.MX6D 1.0GHZ 624FCBGA In stock: 1702 pcs</p> <p>RFQ</p>

