

NXP Semiconductors / Freescale

MCIMX6DP4AVT8ABR

Part Number:	MCIMX6DP4AVT8ABR
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU I.MX6DP ENHAN 624FCBGA
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	1633 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Specifications of MCIMX6DP4AVT8ABR

PART NUMBER	MCIMX6DP4AVT8ABR
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6DP ENHAN 624FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1633 pcs
DATA SHEET	
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	Tape & Reel (TR)
PACKAGE / CASE	624-FBGA, FCBGA
OTHER NAMES	935357858518
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	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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	<p>MCIMX6DP5EVT2AA</p> <p>Manufacturers: NXP Description: I.MX 6DUALPLUS MPU 2X ARM CORTE In stock: 1472 pcs</p> <p>RFQ</p>		<p>MCIMX6DP5EYM1AA</p> <p>Manufacturers: NXP Description: IC MPU I.MX6DP 1GHZ 624FCBGA In stock: 1727 pcs</p> <p>RFQ</p>
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	<p>MCIMX6DP4AVT8AAR</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6 SERIES 32-BIT MPU DUAL A In stock: 1890 pcs</p> <p>RFQ</p>		<p>MCIMX6DP5EYM1AB</p> <p>Manufacturers: NXP Description: IC MPU I.MX6DP ENHAN 624FCBGA In stock: 1500 pcs</p> <p>RFQ</p>
	<p>MCIMX6DP4AVT1ABR</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6DP ENHAN 624FCBGA In stock: 1423 pcs</p> <p>RFQ</p>		<p>MCIMX6DP5EVT2AB</p> <p>Manufacturers: NXP Description: I.MX 6QP ROM PERF ENHAN In stock: 1625 pcs</p> <p>RFQ</p>
	<p>MCIMX6DP4AVT1AB</p> <p>Manufacturers: NXP Description: IC MPU I.MX6DP ENHAN 624FCBGA In stock: 1077 pcs</p> <p>RFQ</p>		<p>MCIMX6DP6AVT1AA</p> <p>Manufacturers: NXP Description: IC MPU I.MX6DP 1GHZ 624FCBGA In stock: 1133 pcs</p> <p>RFQ</p>
			<p>MCIMX6DP4AVT1AAR</p> <p>Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6 SERIES 32-BIT MPU DUAL A In stock: 1527 pcs</p> <p>RFQ</p>