NXP Semiconductors / Freescale

Image may be representation. See specifications for product details.

MCIMX6Q4AVT08ADR

Part Number:	MCIMX6Q4AVT08ADR
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6Q 852MHZ 624FCBGA
Datasheets:	
RoHs Status	Lead free / RoHS Compliant
Stock Condition	1829 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MCIMX6Q4AVT08ADR

PART NUMBER	MCIMX6Q4AVT08ADR
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6Q 852MHZ 624FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	1829 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	852MHZ
SERIES	i.MX6Q
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	Tape & Reel (TR)
PACKAGE / CASE	624-FBGA, FCBGA
OTHER NAMES	935317979518
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF CORES/BUS WIDTH	4 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.MX6Q 4 Core, 32-Bit 852MHZ 624-FCBGA (21x21)
CORE PROCESSOR	ARM® Cortex®-A9
CO-PROCESSORS/DSP	Multimedia; NEON™ SIMD
ADDITIONAL INTERFACES	CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, UART

Related Tags

MCIMX6Q4AVT08ADR	MCIMX6Q4AVT08ADR Distributor	MCIMX6Q4AVT08ADR Supplier
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Related Products

MCIMX6Q4AVT08AD
Manufacturers: NXP
Description: IC MPU I.MX6Q 852MHZ 624FCBGA
In stock: 1756 pcs
RFQ

MCIMX6Q4AVT08AER
Manufacturers: NXP Semiconductors / Freescale
Description: I.MX6Q ROM PERF ENHAN
In stock: 1466 pcs
RFQ

MCIMX6Q4AVT10AC
Manufacturers: NXP
Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA
In stock: 1698 pcs
RFQ

MCIMX6Q4AVT10ADR
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA
In stock: 1493 pcs
RFQ

MCIMX6Q4AVT08AC
Manufacturers: NXP
Description: IC MPU I.MX6Q 852MHZ 624FCBGA
In stock: 1779 pcs
RFQ

MCIMX6Q-SDP
Manufacturers: NXP
Description: KIT EVAL SABRE FOR I.MX6Q
In stock: 3320 pcs
RFQ

MCIMX6Q-SDB
Manufacturers: NXP
Description: BOARD EVAL SABRE FOR I.MX6Q
In stock: 210 pcs
RFQ

MCIMX6Q4AVT08ACR
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU I.MX6Q 852MHZ 624FCBGA
In stock: 1789 pcs
RFQ

MCIMX6Q4AVT08AE
Manufacturers: NXP
Description: I.MX6Q ROM PERF ENHAN
In stock: 1646 pcs
RFQ

MCIMX6L8DVN10ACR
Manufacturers: NXP Semiconductors / Freescale
Description: I.MX 6SL ROM PERF ENHAN
In stock: 5126 pcs
RFQ

MCIMX6Q4AVT10AD
Manufacturers: NXP
Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA
In stock: 1225 pcs
RFQ

MCIMX6Q4AVT10ACR
Manufacturers: NXP Semiconductors / Freescale
Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA
In stock: 1363 pcs
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