



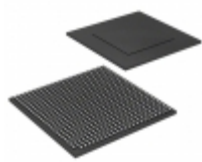





	<p>MCIMX6Q6AVT08AC</p>
	<p>Manufacturer Part Number: MCIMX6Q6AVT08AC</p>
	<p>Manufacturer/Brand: NXP Semiconductors / Freescale</p>
	<p>Part of Description: IC MPU I.MX6Q 852MHZ 624FCBGA</p>
	<p>Datasheets:</p> <ul style="list-style-type: none">  1.MCIMX6Q6AVT08AC.pdf  2.MCIMX6Q6AVT08AC.pdf  3.MCIMX6Q6AVT08AC.pdf
<p>RoHs Status:  Lead free / RoHS</p>	<p>Stock Condition: ^{Compliant} New original, 125 pcs Stock Available.</p>
<p>Ship From: Hong Kong</p>	<p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	MCIMX6Q6AVT08AC
Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX6Q 852MHZ 624FCBGA
Category	Integrated Circuits (ICs) > Embedded - Microprocessors
Part Status	125 pcs Stock
Series	i.MX6Q
Operating Temperature	-40°C ~ 125°C (TJ)
Package / Case	624-FBGA, FCBGA
Supplier Device Package	624-FCBGA (21x21)
Core Processor	ARM® Cortex®-A9
Speed	852MHZ
Ethernet	10/100/1000 Mbps (1)
USB	USB 2.0 + PHY (4)
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, LVDDR3, DDR3
Graphics Acceleration	Yes
Display & Interface Controllers	Keypad, LCD
SATA	SATA 3Gbps (1)
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure
Additional Interfaces	CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, UART
Packaging	Tray



















































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 <p>MCIMX6Q5EZK08AE NXP Semiconductors / Freescale I.MX6Q POP ROM PERF ENHA</p>	 <p>MCIMX6Q5EYM12AE NXP Semiconductors / Freescale I.MX6Q ROM PERF ENHAN</p>	 <p>MCIMX6Q5EZK08AD NXP Semiconductors / Freescale I.MX 6 SERIES 32-BIT MPU DUAL A</p>	 <p>MCIMX6Q5EYM12AD NXP Semiconductors / Freescale I.MX 6 SERIES 32-BIT MPU QUAD A</p>

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 CS8900A-CQ3Z	 DMN4036LK3-13	 EL4583AIS	 FAN4822IMX	 GCM1885C1H5R8DA16D
 GDZ5V1B-E3-08	 GNR3015P-100M	 IRF3000PBF	 IRFR5410PBF	 ISL6323CRZ
 LEMC2520T2R2M	 LM4132AMFX-3.0	 LMC6462AIMX	 LTST-C19HE1WT-H	 MAX2209EBS+T
 MAX533BCEE	 MAZ8056GMLSO+	 MBRP40030CTL	 MC74HC03ADTR2	 NCP1601BDR2G
 OSCAR-E5D4-WF-DB	 P204CH02FK	 P87C51RC+JA	 PF08143B-07-TB	 PIC32MX340F256H-80I/MR
 RA204220XX00	 S-75L14ANC-5LA-TF	 SIA814DJ-T1-GE3	 SN74ABT652ADWR	 SP7612EC6-L
 STK621-033P	 T218N300TOC	 TA75S54F	 TC74LCX541FK	 TCM0605S-120-2P-T201
 TD75N1400/2000	 TPS51427RHBRG4	 TVA270SA	 VEC2401-TL-E	 XC6221A282MR.

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