



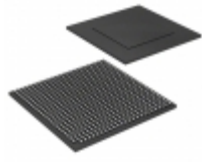

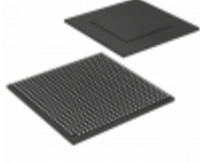
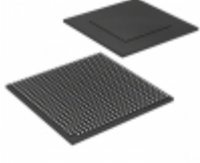

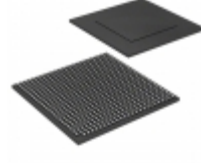
	MCIMX6Q4AVT10AC
	Manufacturer Part Number: MCIMX6Q4AVT10AC
	Manufacturer/Brand: NXP Semiconductors / Freescale
	Part of Description: IC MPU I.MX6Q 1.0GHZ 624FCBGA
	Datasheets: <ul style="list-style-type: none">  1.MCIMX6Q4AVT10AC.pdf  2.MCIMX6Q4AVT10AC.pdf  3.MCIMX6Q4AVT10AC.pdf
RoHs Status:  Lead free / RoHS	Stock Condition:  New original, 600 pcs Stock Available.
Ship From: Hong Kong	Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	MCIMX6Q4AVT10AC
Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX6Q 1.0GHZ 624FCBGA
Category	Integrated Circuits (ICs) > Embedded - Microprocessors
Part Status	600 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	1.0GHz
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, I ² C, I ² S, MMC/SD/SDIO, SAI, SPI, SSI, UART
Packaging	Tray

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 DMN3015LSD	 DTA115EETL	 EMK212B7105KGHT	 FSB55CH60	 GD75FFL120C6S
 GRJ55DR73A104KWJ1L	 GRM033R61C103KA12J	 IRFU9024PBF	 ISL76120ARTZ	 L9338MD/TR
 LA3870NM-TLM	 LM1117M3-3.3	 LT1991IMS#PBF	 LTC1735CGN-1#TRPBF	 M50FLW080ANB5G
 MA3J147001S0	 MB89191APF-G-293-ER-RE1	 MIC2186YM	 MSA-0436-TR1G	 N740SH12
 NJM2769AM	 P2500SCL	 PH150S280-24/BC	 PI5C3245QX	 PIC16F1508T-I/ML
 RT9373APQW	 S-814A31AMC-BCV-T1	 S6E1A12C0AGF20000	 SI4826-A10-CUR	 SKA06N60
 STM1810MWX7F	 TC1016-2.7VCTTR	 TC6502P115VCT	 TL431BCLP	 TND011NM
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