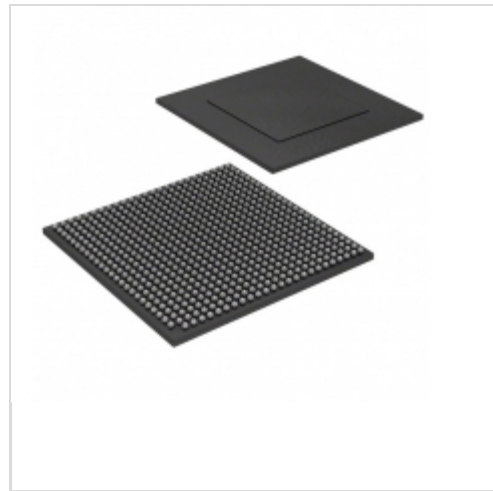


## MCIMX6Q4AVT08AD



[NXP Semiconductors / Freescale](#)

IC MPU I.MX6Q 852MHZ 624FCBGA

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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**Out Stock**

**0 pcs**

Minimum:1

Multiples:100

Manufacturer lead time 10 weeks

part#MCIMX6Q4AVT08AD is available, see description of MCIMX6Q4AVT08AD as below .

use the request quote form to request MCIMX6Q4AVT08AD price and lead time. Buy Electronic Components at zeanoit.com .we are an independent distributor of electronic components with extensive inventory in stock.

The price and lead time for MCIMX6Q4AVT08AD depending on the quantity required, availability and warehouse location.Contact us today and our sales team will send you quotation soon.

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**2**

**submit the order**

**3**

**payment**

**4**

**wait for delivery**

**5**

**receive the goods**

### Specifications

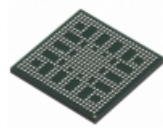
<b>Voltage - I/O:</b>	1.8V, 2.5V, 2.8V, 3.3V
<b>USB:</b>	USB 2.0 + PHY (4)
<b>Supplier Device Package:</b>	624-FCBGA (21x21)
<b>Speed:</b>	852MHZ
<b>Series:</b>	i.MX6Q
<b>Security Features:</b>	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection
<b>SATA:</b>	SATA 3Gbps (1)
<b>RAM Controllers:</b>	LPDDR2, LVDDR3, DDR3
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	624-FBGA, FCBGA
<b>Operating Temperature:</b>	-40°C ~ 125°C (TJ)
<b>Number of Cores/Bus Width:</b>	4 Core, 32-Bit
<b>Graphics Acceleration:</b>	Yes
<b>Ethernet:</b>	10/100/1000 Mbps (1)
<b>Display &amp; Interface Controllers:</b>	Keypad, LCD
<b>Core Processor:</b>	ARM® Cortex®-A9
<b>Co-Processors/DSP:</b>	Multimedia; NEON™ SIMD
<b>Additional Interfaces:</b>	CAN, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SD/SDIO, SAI, SPI, SSI, UART

### Related products



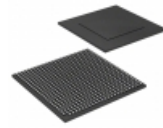
**MCIMX6Q-SDB**  
BOARD EVAL SABRE FOR I.MX6Q  
[NXP USA Inc.](#)

**RFQ**



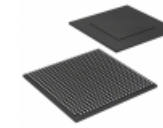
**MCIMX6L8DVN10AB**  
IC MPU I.MX6SL 1.0GHZ 432MAPBGA  
[NXP USA Inc.](#)

**RFQ**



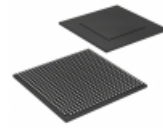
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IC MPU I.MX6Q 1.0GHZ 624FCBGA  
[NXP USA Inc.](#)

**RFQ**



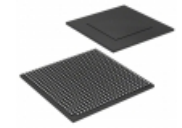
**MCIMX6Q4AVT08ACR**  
IC MPU I.MX6Q 852MHZ 624FCBGA  
[NXP USA Inc.](#)

**RFQ**



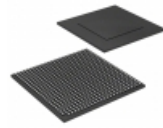
**MCIMX6Q4AVT08AC**  
IC MPU I.MX6Q 852MHZ 624FCBGA  
[NXP USA Inc.](#)

**RFQ**



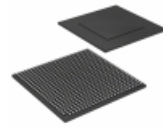
**MCIMX6Q4AVT08ADR**  
IC MPU I.MX6Q 852MHZ 624FCBGA  
[NXP USA Inc.](#)

**RFQ**



**MCIMX6Q4AVT10ACR**  
IC MPU I.MX6Q 1.0GHZ 624FCBGA  
[NXP USA Inc.](#)

**RFQ**



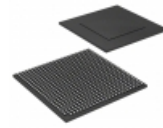
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IC MPU I.MX6Q 1.0GHZ 624FCBGA  
[NXP USA Inc.](#)

**RFQ**



**MCIMX6Q-SDP**  
KIT EVAL SABRE FOR I.MX6Q  
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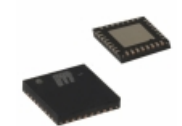
**RFQ**



**MCIMX6Q4AVT10ADR**  
IC MPU I.MX6Q 1.0GHZ 624FCBGA  
[NXP USA Inc.](#)

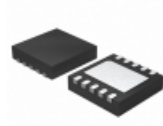
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