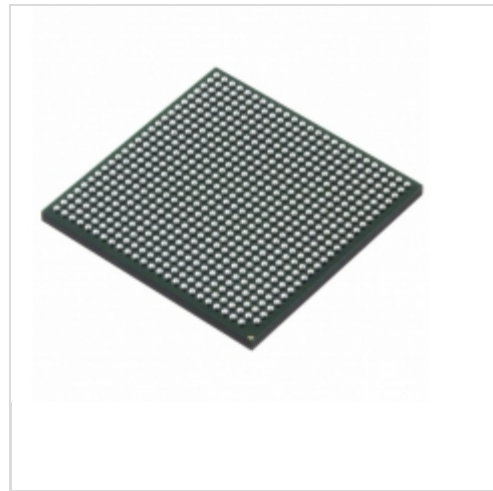


## MCIMX6S4AVM08AB



[NXP Semiconductors / Freescale](#)

IC MPU I.MX6S 800MHZ 624MAPBGA

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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Minimum:1

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Manufacturer lead time 10 weeks

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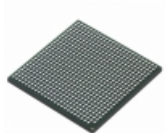
**5**

**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-MAPBGA (21x21)
<b>Speed:</b>	800MHz
<b>Series:</b>	i.MX6S
<b>Security Features:</b>	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection
<b>SATA:</b>	-
<b>RAM Controllers:</b>	LPDDR2, LVDDR3, DDR3
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	624-LFBGA
<b>Operating Temperature:</b>	-40°C ~ 125°C (TJ)
<b>Number of Cores/Bus Width:</b>	1 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

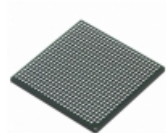
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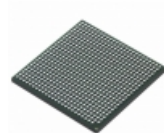
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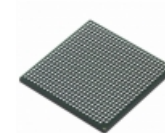
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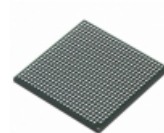
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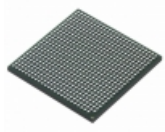
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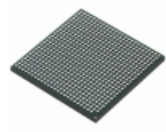
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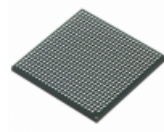
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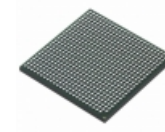
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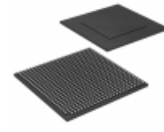
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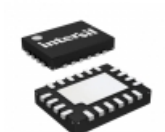


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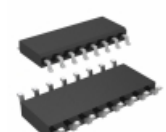
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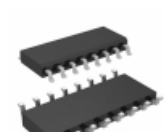
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