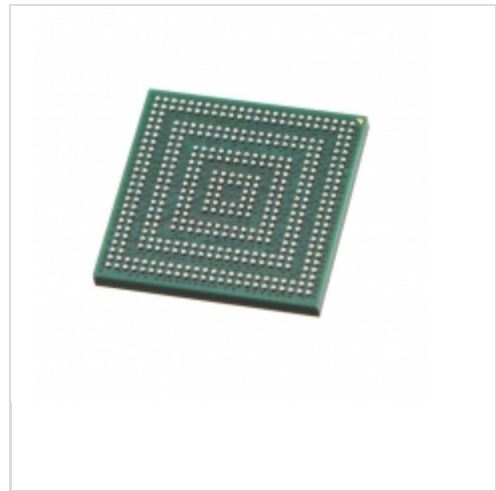


## MCIMX503CVK8BR2



[NXP Semiconductors / Freescale](#)

IC MPU I.MX50 800MHZ 416MAPBGA

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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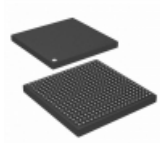
5

receive the goods

### Specifications

<b>Voltage - I/O:</b>	1.2V, 1.875V, 2.775V, 3.0V
<b>USB:</b>	USB 2.0 + PHY (2)
<b>Speed:</b>	800MHz
<b>Series:</b>	i.MX50
<b>Security Features:</b>	Boot Security, Cryptography, Secure JTAG
<b>SATA:</b>	-
<b>RAM Controllers:</b>	LPDDR, LPDDR2, DDR2
<b>Packaging:</b>	Tape & Reel (TR)
<b>Package / Case:</b>	416-LFBGA
<b>Operating Temperature:</b>	0°C ~ 70°C (TA)
<b>Number of Cores/Bus Width:</b>	1 Core, 32-Bit
<b>Graphics Acceleration:</b>	Yes
<b>Ethernet:</b>	10/100 Mbps (1)
<b>Display &amp; Interface Controllers:</b>	LCD
<b>Core Processor:</b>	ARM® Cortex®-A8
<b>Co-Processors/DSP:</b>	Multimedia; NEON™ SIMD
<b>Additional Interfaces:</b>	1-Wire, AC'97, I <sup>2</sup> C, I <sup>2</sup> S, MMC/SD, SPI, SSI, UART

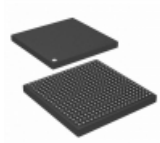
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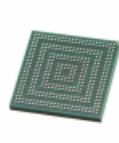
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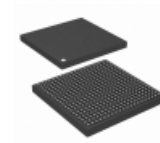
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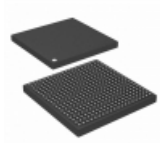
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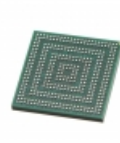
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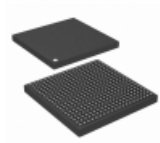
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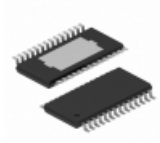
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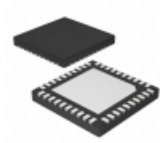
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**TPS56100PWPRG4**

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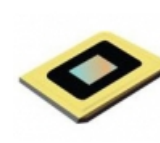
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IC DLP 0.7XGA TYPE A UV 203LCCC  
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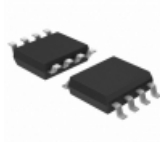
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