

MCIMX6G1AVM07AB

Part Number: [MCIMX6G1AVM07AB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX6UL 289BGA

Data sheet: [MCIMX6Gx Automotive Appl Processors](#)
 [MCIMX6Gx Consumer Products](#)
 [MCIMX6Gx Industrial Products](#)
 [MCIMX6Gx Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	MCIMX6G1AVM07AB	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX6UL 289BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	7603 pcs	Data sheet	MCIMX6Gx Automotive Appl Processors MCIMX6Gx Consumer Products MCIMX6Gx Industrial Products MCIMX6Gx Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - I/O	1.2V, 1.35V, 1.5V, 1.8V, 2.5V, 2.8V, 3.3V
USB	USB 2.0 + PHY (2)	Speed	696MHz
Series	i.MX6UL	Security Features	ARM TZ, A-HAB, CAAM, CSU, SJC, SNVS
SATA	-	RAM Controllers	LPDDR2, DDR3, DDR3L
Other Names	935346152557	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Cores/Bus Width	1 Core, 32-Bit	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Graphics Acceleration	No
Ethernet	10/100 Mbps (1)	Display & Interface Controllers	LVDS
Detailed Description	ARM® Cortex®-A7 Microprocessor IC i.MX6UL 1 Core, 32-Bit 696MHz	Core Processor	ARM® Cortex®-A7
Co-Processors/DSP	Multimedia; NEON™ SIMD	Additional Interfaces	CAN, EBI/EMI, I²C, I²S, MMC/SD/SDIO, QSPI, SAI, SPI, SSI, S/PDIF, UART
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	Part#: MCIMX6G2AVM05AA Description: IC MPU I.MC6UL 528MHZ 289BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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