

MCIMX6G1CVM05ABR



Part Number: [MCIMX6G1CVM05ABR](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: I.MX 32-BIT MPU ARM CORTEX-A7 C

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

RoHs Status:

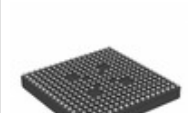
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PRODUCT PARAMETER			
Part Number	MCIMX6G1CVM05ABR	Manufacturer	NXP Semiconductors / Freescale
Description	I.MX 32-BIT MPU ARM CORTEX-A7 C	Lead Free Status / RoHS Status	
Quantity Available	11035 pcs	Data sheet	MCIMX6Gx Automotive Appl Processors MCIMX6Gx 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)	Supplier Device Package	289-MAPBGA (14x14)
Speed	528MHz	Series	i.MX6UL
Security Features	ARM TZ, A-HAB, CAAM, CSU, SJC, SNVS	SATA	-
RAM Controllers	LPDDR2, DDR3, DDR3L	Package / Case	289-LFBGA
Other Names	935346153518	Operating Temperature	-40°C ~ 105°C (TJ)
Number of Cores/Bus Width	1 Core, 32-Bit	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	15 Weeks	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 528MHz 289-MAPBGA (14x14)	Core Processor	ARM® Cortex®-A7
Co-Processors/DSP	Multimedia; NEON™ SIMD		
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