



MCIMX6U4AVM08AB

Part Number: **MCIMX6U4AVM08AB**
 Product Description: IC MPU I.MX6DL 800MHZ 624MAPBGA
 RoHs Status: Lead free / RoHS Compliant

Manufacturer/Brand: NXP Semiconductors / Freescale
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

- Datasheets:
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 - 2.MCIMX6U4AVM08AB.pdf
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Product details

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Voltage - I/O	1.8V, 2.5V, 2.8V, 3.3V	USB	USB 2.0 + PHY (4)
Supplier Device Package	624-MAPBGA (21x21)	Speed	800MHz
Series	i.MX6DL	Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection
SATA	-	RAM Controllers	LPDDR2, LVDDR3, DDR3
Packaging	Tray	Package / Case	624-LFBGA
Other Names	935323386557	Operating Temperature	-40°C ~ 125°C (TJ)
Number of Cores/Bus Width	2 Core, 32-Bit	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Graphics Acceleration	Yes
Ethernet	10/100/1000 Mbps (1)	Display & Interface Controllers	Keypad, LCD
Detailed Description	ARM® Cortex®-A9 Microprocessor IC i.MX6DL 2 Core, 32-Bit 800MHz 624-MAPBGA (21x21)	Core Processor	ARM® Cortex®-A9
Co-Processors/DSP	Multimedia; NEON™ SIMD	Base Part Number	MCIMX6
Additional Interfaces	CAN, I ² C, I ² S, MMC/SD/SDIO, SAI, SPI, SSI, UART		

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