



NXP Semiconductors / Freescale

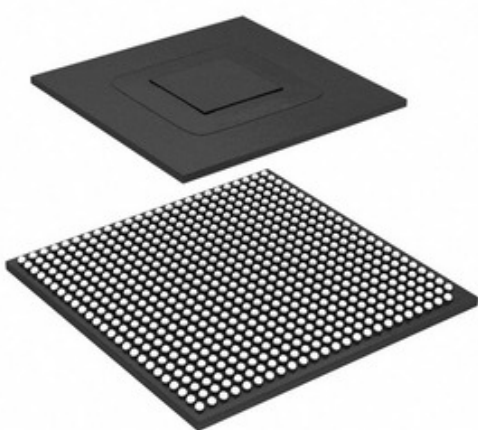


Image may be representation. See specifications for product details.

MCIMX6S6AVM08AB

Part Number:	MCIMX6S6AVM08AB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6S 800MHZ 624MAPBGA
	PDF 1.MCIMX6S6AVM08AB.pdf
	PDF 2.MCIMX6S6AVM08AB.pdf
	PDF 3.MCIMX6S6AVM08AB.pdf
	PDF 4.MCIMX6S6AVM08AB.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

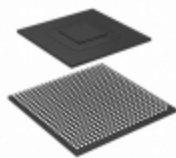
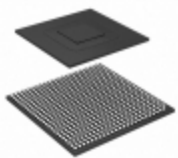
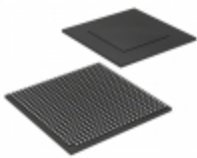
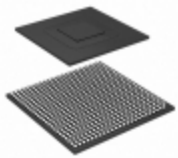
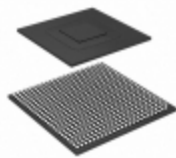
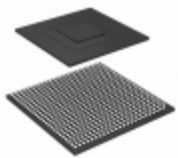
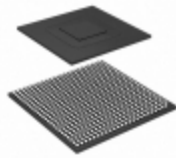
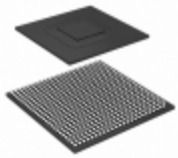
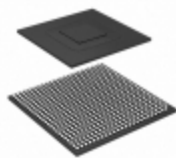
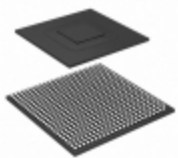
Specifications of MCIMX6S6AVM08AB

PART NUMBER	MCIMX6S6AVM08AB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6S 800MHZ 624MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MCIMX6S6AVM08AB.pdf
	PDF 2.MCIMX6S6AVM08AB.pdf
	PDF 3.MCIMX6S6AVM08AB.pdf
	PDF 4.MCIMX6S6AVM08AB.pdf
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.MX6S
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	935317659557
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	Yes
ETHERNET	10/100/1000 Mbps (1)
DISPLAY & INTERFACE CONTROLLERS	Keypad, LCD
DETAILED DESCRIPTION	ARM® Cortex®-A9 Microprocessor IC i.MX6S 1 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, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, UART

Related Tags

NXP Semiconductors / Freescale MCIMX6S6AVM08AB	MCIMX6S6AVM08AB Distributor	MCIMX6S6AVM08AB Supplier
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Related Products

 MCIMX6S5EVM10AD Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6S ROM PERF ENHAN In stock: 59 pcs RFQ	 MCIMX6S6AVM08ABR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6S 800MHZ 624MAPBGA In stock: Out stock RFQ
 MCIMX6S6AVM10AC Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6 SERIES 32-BIT MPU ARM CO In stock: 60 pcs RFQ	 MCIMX6S5EVM10ADR Manufacturers: NXP Semiconductors / Freescale Description: I.MX 6S ROM PERF ENHAN In stock: Out stock RFQ
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 MCIMX6S5EVM10ABR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA In stock: Out stock RFQ	 MCIMX6S5EVM10AB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6S 1.0GHZ 624MAPBGA In stock: 353 pcs RFQ