

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MCIMX6S6AVM10AC

Part Number:	MCIMX6S6AVM10AC
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	I.MX 6 SERIES 32-BIT MPU ARM CO
Datasheets:	
Stock Condition	2518 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MCIMX6S6AVM10AC

PART NUMBER	MCIMX6S6AVM10AC
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	I.MX 6 SERIES 32-BIT MPU ARM CO
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	2518 pcs
DATA SHEET	
VOLTAGE - I/O	1.8V, 2.5V, 2.8V, 3.3V
USB	USB 2.0 + PHY (4)
SUPPLIER DEVICE PACKAGE	624-BGA (21x21)
SPEED	1GHz
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	568-14268 935331331557 MCIMX6S6AVM10AC-ND
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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 1GHz 624-BGA (21x21)
CORE PROCESSOR	ARM® Cortex®-A9
CO-PROCESSORS/DSP	Multimedia; NEON™ SIMD

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MCIMX6S6AVM08ABR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6S 800MHZ 624MAPBGA In stock: 3411 pcs		MCIMX6S6AVM08AD Manufacturers: NXP Description: I.MX6SOLO ROM PERF ENHAN In stock: 3091 pcs		MCIMX6S6AVM10AD Manufacturers: NXP Description: I.MX 6S ROM PERF ENHAN In stock: 2518 pcs	
MCIMX6S6AVM08ABR		MCIMX6S6AVM08AD		MCIMX6S6AVM10AD	
MCIMX6S6AVM08ABR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6S 800MHZ 624MAPBGA In stock: 3591 pcs		MCIMX6S6AVM08AB Manufacturers: NXP Description: IC MPU I.MX6S 800MHZ 624MAPBGA In stock: 3727 pcs		MCIMX6S6AVM08ACR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6S 800MHZ 624MAPBGA In stock: 3591 pcs	
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MCIMX6S6AVM08ACR Manufacturers: NXP Description: IC MPU I.MX6S 800MHZ 624MAPBGA In stock: 2782 pcs		MCIMX6S6AVM08AD Manufacturers: NXP Description: IC MPU I.MX6 SOLO ROM PERFENHAN In stock: 5112 pcs		MCIMX6S6AVM08AB Manufacturers: NXP Description: IC MPU I.MX6S 800MHZ 624MAPBGA In stock: 2536 pcs	
MCIMX6S6AVM08ACR		MCIMX6S6AVM08AD		MCIMX6S6AVM08AB	
MCIMX6S6AVM08ADR Manufacturers: NXP Semiconductors / Freescale Description: I.MX6SOLO ROM PERF ENHAN In stock: 3386 pcs		MCIMX6S6AVM08AD Manufacturers: NXP Description: IC MPU I.MX6 SOLO ROM PERFENHAN In stock: 5112 pcs		MCIMX6S6AVM08AB Manufacturers: NXP Description: IC MPU I.MX6S 800MHZ 624MAPBGA In stock: 2782 pcs	
MCIMX6S6AVM08ADR		MCIMX6S6AVM08AD		MCIMX6S6AVM08AB	