



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MCIMX6Q5EYM12AD

Part Number:	MCIMX6Q5EYM12AD
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	I.MX 6 SERIES 32-BIT MPU QUAD A
	PDF 1.MCIMX6Q5EYM12AD.pdf
	PDF 2.MCIMX6Q5EYM12AD.pdf
	PDF 3.MCIMX6Q5EYM12AD.pdf
Datasheets:	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

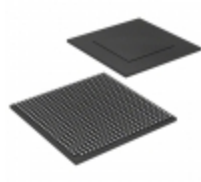
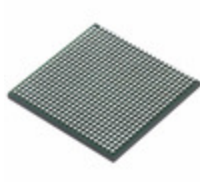
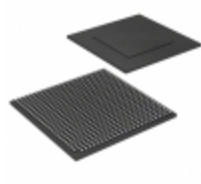
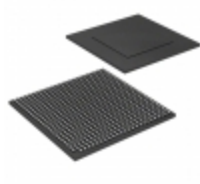
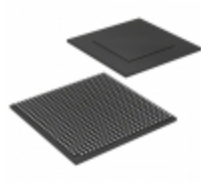
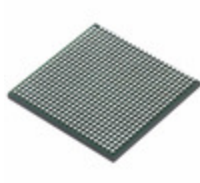
Specifications of MCIMX6Q5EYM12AD

PART NUMBER	MCIMX6Q5EYM12AD
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	I.MX 6 SERIES 32-BIT MPU QUAD A
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	PDF 1.MCIMX6Q5EYM12AD.pdf PDF 2.MCIMX6Q5EYM12AD.pdf PDF 3.MCIMX6Q5EYM12AD.pdf
VOLTAGE - I/O	1.8V, 2.5V, 2.8V, 3.3V
USB	USB 2.0 + PHY (4)
SPEED	1.2GHz
SERIES	i.MX6Q
SECURITY FEATURES	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection
SATA	SATA 3Gbps (1)
RAM CONTROLLERS	LPDDR2, LVDDR3, DDR3
OTHER NAMES	935323494557
OPERATING TEMPERATURE	-20°C ~ 105°C (TJ)
NUMBER OF CORES/BUS WIDTH	4 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.MX6Q 4 Core, 32-Bit 1.2GHz
CORE PROCESSOR	ARM® Cortex®-A9
CO-PROCESSORS/DSP	Multimedia; NEON™ SIMD

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