



NXP Semiconductors / Freescale



MCIMX7D2DVK12SC

Part Number:	MCIMX7D2DVK12SC
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	I.MX 7D 1.2 GHZ 12X12 MAPBGA  1.MCIMX7D2DVK12SC.pdf  2.MCIMX7D2DVK12SC.pdf  3.MCIMX7D2DVK12SC.pdf  4.MCIMX7D2DVK12SC.pdf
Datasheets:	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

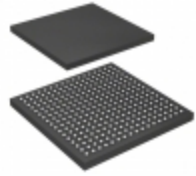
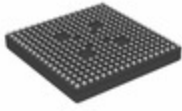
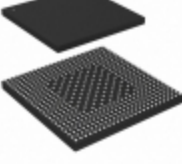
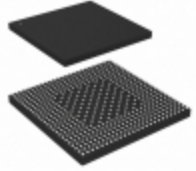
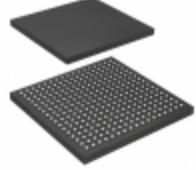
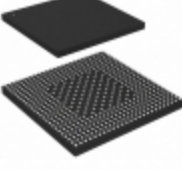
Specifications of MCIMX7D2DVK12SC

PART NUMBER	MCIMX7D2DVK12SC
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	I.MX 7D 1.2 GHZ 12X12 MAPBGA
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	 1.MCIMX7D2DVK12SC.pdf  2.MCIMX7D2DVK12SC.pdf  3.MCIMX7D2DVK12SC.pdf  4.MCIMX7D2DVK12SC.pdf
VOLTAGE - I/O	1.8V, 3.3V
USB	USB 2.0 + PHY (1), USB 2.0 OTG + PHY (2)
SUPPLIER DEVICE PACKAGE	488-FBGA (12x12)
SPEED	1.2GHz
SERIES	i.MX7D
SECURITY FEATURES	A-HAB, ARM TZ, CAAM, CSU, SJC, SNVS
SATA	-
RAM CONTROLLERS	LPDDR2, LPDDR3, DDR3, DDR3L
PACKAGING	Tray
PACKAGE / CASE	488-TFBGA
OTHER NAMES	568-13375 935338715557
OPERATING TEMPERATURE	0°C ~ 85°C (TJ)
NUMBER OF CORES/BUS WIDTH	2 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
GRAPHICS ACCELERATION	No
ETHERNET	10/100/1000 Mbps (2)
DISPLAY & INTERFACE CONTROLLERS	Keypad, LCD, MIPI
DETAILED DESCRIPTION	ARM® Cortex®-A7, ARM® Cortex®-M4 Microprocessor IC i.MX7D 2 Core, 32-Bit 1.2GHz 488-FBGA (12x12)
CORE PROCESSOR	ARM® Cortex®-A7, ARM® Cortex®-M4
CO-PROCESSORS/DSP	Multimedia; NEON™ MPE
ADDITIONAL INTERFACES	AC'97, CAN, eCSPI, I²C, I²S, MMC/SD/SDIO, PCIe, QSPI, SAI, UART

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