




NXP Semiconductors / Freescale

MK20FN1M0VLQ12R

Part Number:	MK20FN1M0VLQ12R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 1MB FLASH 144LQFP PDF 1.MK20FN1M0VLQ12R.pdf PDF 2.MK20FN1M0VLQ12R.pdf PDF 3.MK20FN1M0VLQ12R.pdf PDF 4.MK20FN1M0VLQ12R.pdf
Datasheets:	
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

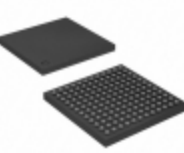



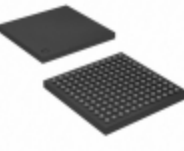





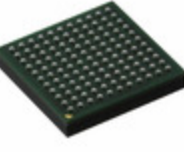

Specifications of MK20FN1M0VLQ12R

PART NUMBER	MK20FN1M0VLQ12R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MK20FN1M0VLQ12R.pdf PDF 2.MK20FN1M0VLQ12R.pdf PDF 3.MK20FN1M0VLQ12R.pdf PDF 4.MK20FN1M0VLQ12R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	120MHz
SERIES	Kinetis K20
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	DMA, I ² S, LVD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	144-LQFP
OTHER NAMES	935321743528
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	100
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 120MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 58x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG

Related Tags

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 <p>MK20DX64VLK7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 80LQFP In stock: 79 pcs RFQ</p>	 <p>MK21-1A66B-500W Manufacturers: Standex-Meder Electronics Description: SENSOR REED SW SPST-NO W LEADS In stock: Out stock RFQ</p>
 <p>MK20FN1M0VMD12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 320 pcs RFQ</p>	 <p>MK20DX64VLH7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 3 pcs RFQ</p>
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 <p>MK20FX512VLQ12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ</p>	 <p>MK20R5FE-R52 Manufacturers: Ohmite Description: RES 20.5 OHM 1/4W 1% AXIAL In stock: Out stock RFQ</p>
 <p>MK20DX64VMC7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 121BGA In stock: Out stock RFQ</p>	 <p>MK20R0FE-R52 Manufacturers: Ohmite Description: RES 20 OHM 1/4W 1% AXIAL In stock: Out stock RFQ</p>