



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

PK20FX512VLQ12

Part Number:	PK20FX512VLQ12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
	PDF 1.PK20FX512VLQ12.pdf
	PDF 2.PK20FX512VLQ12.pdf
	PDF 3.PK20FX512VLQ12.pdf
	PDF 4.PK20FX512VLQ12.pdf
	PDF 5.PK20FX512VLQ12.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

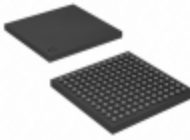
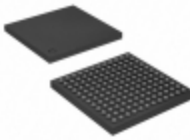
REQUEST FOR QUOTATION

Specifications of PK20FX512VLQ12	
PART NUMBER	PK20FX512VLQ12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.PK20FX512VLQ12.pdf PDF 2.PK20FX512VLQ12.pdf PDF 3.PK20FX512VLQ12.pdf PDF 4.PK20FX512VLQ12.pdf PDF 5.PK20FX512VLQ12.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	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Bulk
PACKAGE / CASE	144-LQFP
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	16K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 45x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	PK20FX512

Related Tags

NXP Semiconductors / Freescale PK20FX512VLQ12	PK20FX512VLQ12 Distributor	PK20FX512VLQ12 Supplier
PK20FX512VLQ12 Price	PK20FX512VLQ12 Pictures	PK20FX512VLQ12 Image
PK20FX512VLQ12 PDF Datasheet	PK20FX512VLQ12 Download Datasheet	PK20FX512VLQ12 Datasheet
PK20FX512VLQ12 Stock	Buy PK20FX512VLQ12	Buy NXP Semiconductors / Freescale PK20FX512VLQ12
NXP Semiconductors / Freescale PK20FX512VLQ12	NXP Semiconductors / Freescale Supplier	NXP Semiconductors / Freescale Distributor
NXP Semiconductors / Freescale PK20FX512VLQ12	NXP Semiconductors PK20FX512VLQ12	Freescale PK20FX512VLQ12
Freescale Semiconductor - NXP PK20FX512VLQ12	NXP USA Inc. PK20FX512VLQ12	

Related Products

 PK2-5MM-102 Manufacturers: LeCroy (Teledyne LeCroy) Description: PROBE STD GRD LEAD In stock: Out stock RFQ	 PK20N512VLK100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: Out stock RFQ
 PK20 Manufacturers: Panduit Description: CBL CLIP CONDUIT BLACK BEAM In stock: Out stock RFQ	 PK20FX512VMD12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: Out stock RFQ
 PK2-14R-T Manufacturers: Panduit Description: CONN RING CIRC 2AWG #1/4 CRIMP In stock: Out stock RFQ	 PK2-38R-T Manufacturers: Panduit Description: CONN RING CIRC 2AWG #3/8 CRIMP In stock: Out stock RFQ
 PK20N512VLQ100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ	 PK20N512VMD100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: Out stock RFQ
 PK2-5MM-101 Manufacturers: LeCroy (Teledyne LeCroy) Description: SPRING HOOK FOR PP010 In stock: 10 pcs RFQ	 PK2-56R-T Manufacturers: Panduit Description: CONN RING CIRC 2AWG #5/16 CRIMP In stock: Out stock RFQ
 PK20N512VLL100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ	 PK20N512VMC100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: Out stock RFQ