



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

PK60FX512VLQ12

Part Number:	PK60FX512VLQ12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
	 1.PK60FX512VLQ12.pdf
	 2.PK60FX512VLQ12.pdf
	 3.PK60FX512VLQ12.pdf
	 4.PK60FX512VLQ12.pdf
	 5.PK60FX512VLQ12.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

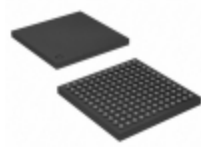
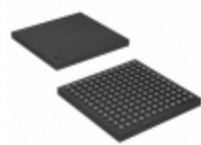
Specifications of PK60FX512VLQ12

PART NUMBER	PK60FX512VLQ12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.PK60FX512VLQ12.pdf  2.PK60FX512VLQ12.pdf  3.PK60FX512VLQ12.pdf  4.PK60FX512VLQ12.pdf  5.PK60FX512VLQ12.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	120MHz
SERIES	Kinetis K60
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 K60 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 48x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	PK60FX512

Related Tags

NXP Semiconductors / Freescale PK60FX512VLQ12	PK60FX512VLQ12 Distributor	PK60FX512VLQ12 Supplier
PK60FX512VLQ12 Price	PK60FX512VLQ12 Pictures	PK60FX512VLQ12 Image
PK60FX512VLQ12 PDF Datasheet	PK60FX512VLQ12 Download Datasheet	PK60FX512VLQ12 Datasheet
PK60FX512VLQ12 Stock	Buy PK60FX512VLQ12	Buy NXP Semiconductors / Freescale PK60FX512VLQ12
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Related Products

 PK60N256VLL100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 4741 pcs RFQ	 PK60N256VLQ100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 4332 pcs RFQ
 PK60N256VMD100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 5737 pcs RFQ	 PK600ST-1 Manufacturers: LeCroy (Teledyne LeCroy) Description: RESISTOR KIT FOR D600ST-SI In stock: 599 pcs RFQ
 PK600ST-2 Manufacturers: LeCroy (Teledyne LeCroy) Description: RSSTR KT FOR D600ST-QC 56 OHM In stock: 1743 pcs RFQ	 PK6-8R-T Manufacturers: Panduit Description: CONN RING CIRC 6AWG #8 CRIMP In stock: 29615 pcs RFQ
 PK600ST-4 Manufacturers: LeCroy (Teledyne LeCroy) Description: REPLACEMENT PLATFORM/CABLE ASSEM In stock: 599 pcs RFQ	 PK60FX512VLQ15 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 4467 pcs RFQ
 PK600ST-3 Manufacturers: LeCroy (Teledyne LeCroy) Description: REPLACEMENT PROBE TIP HOLDER KIT In stock: 897 pcs RFQ	 PK60N256VMC100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 5321 pcs RFQ
 PK60FX512VMD12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 4691 pcs RFQ	 PK60FN1M0VLQ15 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 5465 pcs RFQ