

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

PK70FN1M0VMJ15

Part Number:	PK70FN1M0VMJ15
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 1MB FLASH 256MAPBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5374 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PK70FN1M0VMJ15

PART NUMBER	PK70FN1M0VMJ15
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 1MB FLASH 256MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5374 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	256-MAPPBGA (17x17)
SPEED	150MHz
SERIES	Kinetis K70
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	DMA, I²S, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	256-LBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	128
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K70 Microcontroller IC 32-Bit 150MHz 1MB (1M x 8) FLASH 256-MAPPBGA (17x17)
DATA CONVERTERS	A/D 81x16b. 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	PK70FN1M0

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Related Products

 MB90387SPMT-GS-377E1 Manufacturers: Cypress Semiconductor Description: IC MCU 16BIT 64KB MROM 48LQFP In stock: 24618 pcs RFQ	 XE164G24F66LACFXUMA1 Manufacturers: International Rectifier (Infineon Technologies) Description: IC MCU 16BIT 192KB FLASH 100LQFP In stock: 14102 pcs RFQ
 MSP430F67791IPEU Manufacturers: N/A Description: IC MCU 16BIT 512KB FLASH 128LQFP In stock: 6970 pcs RFQ	 PIC16C54-RCI/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 768B OTP 20SSOP In stock: 31302 pcs RFQ
 PK70B1/4 Manufacturers: Agastat Relays / TE Connectivity Description: KNOB KNURLED W/SKRT 0.250" PLAST In stock: 32058 pcs RFQ	 ST72F32AK1T6TR Manufacturers: STMicroelectronics Description: IC MCU 8BIT 4KB FLASH 32TQFP In stock: 54587 pcs RFQ
 PK704 Manufacturers: LeCroy (Teledyne LeCroy) Description: KIT ADAPTER FOR PP007-WR-1/WS-1 In stock: 609 pcs RFQ	 PK702 Manufacturers: LeCroy (Teledyne LeCroy) Description: ADVANCED ADAPTER KIT In stock: 315 pcs RFQ
 PK701 Manufacturers: LeCroy (Teledyne LeCroy) Description: PP007 BASIC ADAPTER KIT In stock: 2028 pcs RFQ	 DSPIC30F2020-30I/SP Manufacturers: Micrel / Microchip Technology Description: IC MCU 16BIT 12KB FLASH 28SDIP In stock: 18957 pcs RFQ
 PK703 Manufacturers: LeCroy (Teledyne LeCroy) Description: KIT ADAPTER FOR PP007-WR-1/WS-1 In stock: 420 pcs RFQ	 ATMEGA324PV-10MU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 44VQFN In stock: 27361 pcs RFQ