

NXP Semiconductors / Freescale

PK52N512CMD100

Part Number:	PK52N512CMD100
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3157 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PK52N512CMD100

PART NUMBER	PK52N512CMD100
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3157 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
SPEED	100MHz
SERIES	Kinetis K50
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	96
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K50 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 144-MAPBGA (13x13)
DATA CONVERTERS	A/D 25x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	EBI/EMI, Ethernet, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	PK52N512

Related Tags

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	PK51N256CMD100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 4935 pcs RFQ		PK51X256CLK100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 5368 pcs RFQ
	PK51-T Manufacturers: N/A Description: KIT PRO DEVELOPER 1 YR LICENSE In stock: 80 pcs RFQ		PK51-UF-LC Manufacturers: N/A Description: PK51 S&M RESTART (FLOATING) LIC In stock: 81 pcs RFQ
	PK52N512CLQ100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 4661 pcs RFQ		PK51N256CLQ100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 3914 pcs RFQ
	PK51-T-LC Manufacturers: N/A Description: PK51 1 YEAR TERM LC In stock: 75 pcs RFQ		PK51N512CLQ100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 5539 pcs RFQ
	PK51N512CMD100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 5002 pcs RFQ		PK51X256CLL100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 2920 pcs RFQ
	PK51N512CLL100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 5303 pcs RFQ		PK51-UD-LC Manufacturers: N/A Description: PK51 S&M RESTART LIC In stock: 91 pcs RFQ