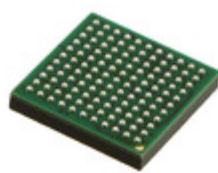






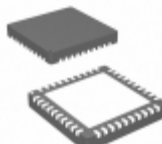
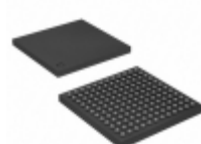
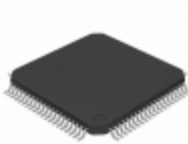

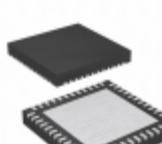



	MK20DN512ZVMC10
	Manufacturer Part Number: MK20DN512ZVMC10
	Manufacturer/Brand: NXP Semiconductors / Freescale
	Part of Description: IC MCU 32BIT 512KB FLASH 121BGA
	Datasheets: <ul style="list-style-type: none">  1.MK20DN512ZVMC10.pdf  2.MK20DN512ZVMC10.pdf  3.MK20DN512ZVMC10.pdf  4.MK20DN512ZVMC10.pdf
	RoHS Status:  Lead free / RoHS Compliant
	Stock Condition: New original, 1657 pcs Stock Available.
	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	MK20DN512ZVMC10
Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 121BGA
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	1657 pcs Stock
Series	Kinetis K20
Operating Temperature	-40°C ~ 105°C (TA)
Package / Case	121-LFBGA
Supplier Device Package	121-MAPBGA (8x8)
Peripherals	DMA, I ² S, LVD, POR, PWM, WDT
Core Processor	ARM® Cortex®-M4
Speed	100MHz
Number of I/O	86
EEPROM Size	-
RAM Size	128K x 8
Core Size	32-Bit
Connectivity	CAN, EBI/EMI, I ² C, IrDA, SD, SPI, UART/USART, USB,
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Data Converters	A/D 38x16b, D/A 2x12b
Oscillator Type	Internal
Packaging	Tray



















































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 MK2049-45SITR	 MK2059-01SI	 MK2059-01SILF	 MK2059-01SITR	 MK20DN128VLH5
 MK20DN512VLQ10	 MK20DN512ZVLL10	 MK20DN512ZVLQ10	 MK20DN512ZVMB10	 MK20DN512ZVMC10R
 MK20DN5ZVMB10	 MK20DX128VLH7	 MK20DX128VLL7	 MK20DX256V7	 MK20DX256VLQ10
 MK20DX256VMC7	 MK20FX512VLQ12	 MK21FN1M0V12	 MK21FN1MOV12	 MK21FX512V12
 MK22FN1M0VLL12	 MK22FN1M0VLQ12	 MK22FN1MOV12	 MK22FN256VLH12	 MK22FN512VLL12
 MK2302S-01LFTR	 MK2304S-11LFT	 MK2304S-1LFT	 MK2304S-2LF	 MK24FN1M0VLL12
 MK24FN1MOV12	 MK24FN1MOVLL12	 MK26FN2M0CAC18R	 MK2712SLF	 MK2712STR
 MK2715-01S	 MK2716STR	 MK2731-03S	 MK2732-06GLFTR	 MK2744-10S
 MK2745-21SLFTR	 MK2745-24S	 MK2745-27R	 MK2745-27RTR	 MK2745-28BR

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