



### MK20DN512ZVMC10

Manufacturer Part Number:	MK20DN512ZVMC10
Manufacturer / Brand	NXP Semiconductors / Freescale
Part of Description:	IC MCU 32BIT 512KB FLASH 121BGA
Datasheets:	<a href="#">MK20DN512ZVMC10(1).pdf</a> <a href="#">MK20DN512ZVMC10(2).pdf</a> <a href="#">MK20DN512ZVMC10(3).pdf</a>
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 700 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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### The specifications of MK20DN512ZVMC10

Part Number	MK20DN512ZVMC10	Manufacturer / Brand	NXP Semiconductors / Freescale
Series	Kinetis K20	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Base Part Number	MK20DN512	Package / Case	121-LFBGA
Packaging	Tray	Supplier Device Package	121-MAPBGA (8x8)
Operating Temperature	-40°C ~ 105°C (TA)	Detailed Description	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 121-MAPBGA (8x8)
Peripherals	DMA, FS, 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	CANbus, EBI/EMI, PC, IrDA, SD, SPI, UART/USART, USB, USB OTG
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	Other Names	935324524557
Stock Quantity	700 pcs Stock	Category	<a href="#">Integrated Circuits (ICs) &gt; Embedded - Microcontrollers</a>
Description	IC MCU 32BIT 512KB FLASH 121BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

### Keywords related to MK20DN512ZVMC10

<a href="#">NXP Semiconductors / Freescale</a>	<a href="#">MK20DN512ZVMC10 part</a>	<a href="#">MK20DN512ZVMC10 Price</a>	<a href="#">MK20DN512ZVMC10 Distributor</a>
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**IC Components Limited**  
WWW.IC-COMPONENTS.COM

Email: [Info@IC-Components.com](mailto:Info@IC-Components.com)  
 TEL: 00 852 - 30501935  
 FAX: 00 852 - 30501945

Address: 6H Block 1, Sherwood Court, Kingswood Villa, Tin Shui Wai, New Territories, Hong Kong