


	MK53DN512CLQ10
	Manufacturer Part Number: MK53DN512CLQ10
	Manufacturer/Brand: NXP Semiconductors / Freescale
	Part of Description: IC MCU 32BIT 512KB FLASH 144LQFP
	Datasheets: <ul style="list-style-type: none">  1.MK53DN512CLQ10.pdf  2.MK53DN512CLQ10.pdf  3.MK53DN512CLQ10.pdf  4.MK53DN512CLQ10.pdf  5.MK53DN512CLQ10.pdf
	RoHs Status:  Lead free / RoHS
	Stock Condition: ^{Compliant} New original, Stock Available.
Ship From: Hong Kong	
Shipment Way: DHL/Fedex/TNT/UPS/EMS	
<p>Image may be representation. See specs for product details.</p>	

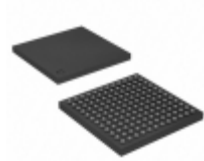

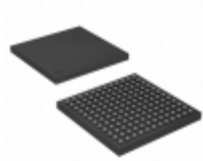





Specifications

Part Number	MK53DN512CLQ10
Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 144LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	Kinetis K50
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)
Peripherals	DMA, I ² S, LCD, LVD, POR, PWM, WDT
Core Processor	ARM® Cortex®-M4
Speed	100MHz
Number of I/O	94
EEPROM Size	-
RAM Size	128K x 8
Core Size	32-Bit
Connectivity	EBI/EMI, Ethernet, I ² C, IrDA, SD, SPI, UART/USART,
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 41x16b, D/A 2x12b
Oscillator Type	Internal
Packaging	Tray

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





























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 <p>MK5375N-WM ST ST DIP</p>	 <p>MK53732E ST ST DIP</p>	 <p>MK5373IN-00D ST ST DIP</p>	 <p>MK53DX256CLQ1 LQFP144 MK53DX256CLQ1 LQFP144</p>

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|---|--|--|---|---|
|  06031A9R1CAT2A |  08052A330KAT2A |  1210SC222MAT1A |  20BQ040TRPBF |  AAT3218IJS-2.85-T1 |
|  B72580E140K62 |  CAT25010SI |  CGA3E2COG2A561J080AA |  CGJ6M4X7R2H473K200AA |  CPT50080 |
|  CY2907SC-85T |  D659S14T |  DD61S12L |  DDZ5V1BS-7 |  ESD8V0R1B-02LSE6327 |
|  D FDD8424H_F085 |  GJM0225C1E3R7CB01L |  GRM155R71H183KA12D |  HD6433827A13W |  IDT70V05S35PF |
|  IRF9640PBF |  IS42VS16100E-10BL |  LDM182G5010CC001 |  LMSZ5262BT1G |  LP3985IBLX-2.6/NOPB |
|  LQH3NPN4R7NM0K |  LTST-C193TBKT-PE |  D MAX6736XKLF3+T |  MCO25-16IO6 |  MMBZ5236BLT1 |
|  MMD130S180DK |  MV48-28-450 |  NB4N121KMR2G |  P0900ECL |  PAA110STR |
|  PC3SD21NWPC |  PCA9633DP2 |  PI3C3305LE |  PR39MF51YSZF |  PZM18NB3 |
|  RFLPF2012100Y0T |  S-812C40AUA-C2U-T2 |  SIR862DP-T1-E3 |  D SM2404NSAN |  SMSZ1600-18T3 |
|  SY88822VKGTR |  T1203N08TOF |  TPS51225BRUKR |  TSB41AB2PAP |  UMJ316BC7475MLHTE |

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