



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MKL02Z32CAF4R

Part Number:	MKL02Z32CAF4R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 32KB FLASH 20WLCSP
	PDF 1.MKL02Z32CAF4R.pdf PDF 2.MKL02Z32CAF4R.pdf PDF 3.MKL02Z32CAF4R.pdf PDF 4.MKL02Z32CAF4R.pdf
Datasheets:	
RoHs Status	✓ Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

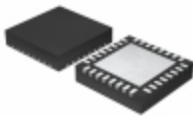
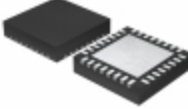
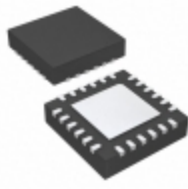
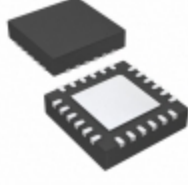
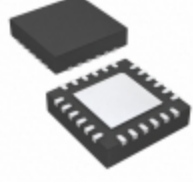
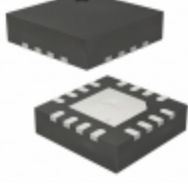
Specifications of MKL02Z32CAF4R

PART NUMBER	MKL02Z32CAF4R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 32KB FLASH 20WLCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MKL02Z32CAF4R.pdf PDF 2.MKL02Z32CAF4R.pdf PDF 3.MKL02Z32CAF4R.pdf PDF 4.MKL02Z32CAF4R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	20-WLCSP (1.99x1.94)
SPEED	48MHz
SERIES	Kinetis KL02
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	Brown-out Detect/Reset, LVD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	20-UFBGA, WLCSP
OTHER NAMES	935311492052 MKL02Z32CAF4R-ND MKL02Z32CAF4RTR
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	18
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	16 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ Kinetis KL02 Microcontroller IC 32-Bit 48MHz 32KB (32K x 8) FLASH 20-WLCSP (1.99x1.94)
DATA CONVERTERS	A/D 10x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	MKL02Z32

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