

NXP Semiconductors / Freescale

MC9S12XEP100CAL

Part Number:	MC9S12XEP100CAL
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 16BIT 1MB FLASH 112LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	4557 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

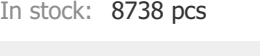
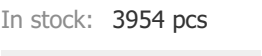
Specifications of MC9S12XEP100CAL

PART NUMBER	MC9S12XEP100CAL
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 16BIT 1MB FLASH 112LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4557 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.72 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	112-LQFP (20x20)
SPEED	50MHz
SERIES	HCS12X
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	112-LQFP
OTHER NAMES	935313591557
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	91
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	HCS12X HCS12X Microcontroller IC 16-Bit 50MHz 1MB (1M x 8) FLASH 112-LQFP (20x20)
DATA CONVERTERS	A/D 16x12b
CORE SIZE	16-Bit
CORE PROCESSOR	HCS12X
CONNECTIVITY	CANbus, EBI/EMI, I ² C, IrDA, SCI, SPI
BASE PART NUMBER	MC9S12XEP100

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	MC9S12XEG128CAL Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 112LQFP In stock: 10907 pcs 		MC9S12XEG128MAL Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 112LQFP In stock: 7027 pcs 
	MC9S12XEP100CVL Manufacturers: NXP Description: IC MCU 16BIT 1MB FLASH 208MAPBGA In stock: 6079 pcs 		MC9S12XEP768CAL Manufacturers: NXP Description: IC MCU 16BIT 768KB FLASH 112LQFP In stock: 4020 pcs 
	MC9S12XEP100MAG Manufacturers: NXP Description: IC MCU 16BIT 1MB FLASH 144LQFP In stock: 3573 pcs 		MC9S12XEP100CAG Manufacturers: NXP Description: IC MCU 16BIT 1MB FLASH 144LQFP In stock: 4014 pcs 
	MC9S12XEP100MVL Manufacturers: NXP Description: IC MCU 16BIT 1MB FLASH 208MAPBGA In stock: 3496 pcs 		MC9S12XEP768CAG Manufacturers: NXP Description: IC MCU 16BIT 768KB FLASH 144LQFP In stock: 6212 pcs 
			MC9S12XEG128MAA Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: 8738 pcs 
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