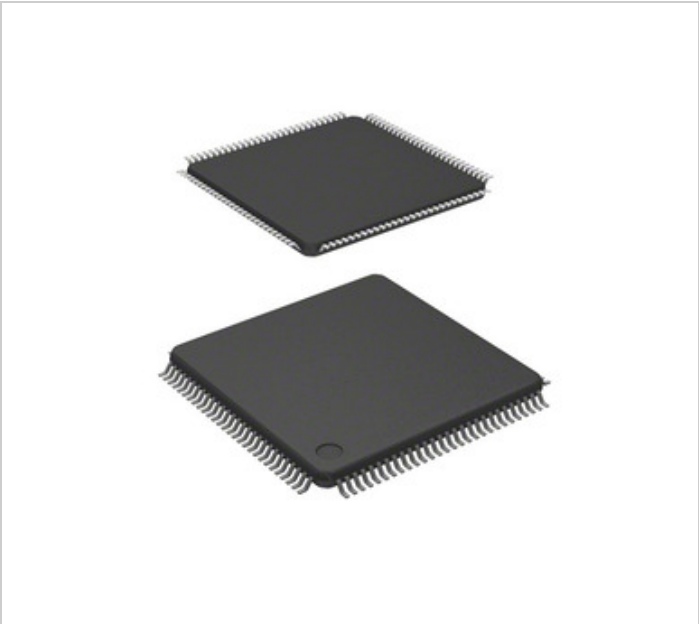




MC9S12XDP512CAL

Part Number:	MC9S12XDP512CAL
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 16BIT 512KB FLASH 112LQFP
Datasheets:	MC9S12XDP512CAL.pdf
RoHS Status	Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

Specifications of MC9S12XDP512CAL

PART NUMBER	MC9S12XDP512CAL
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 16BIT 512KB FLASH 112LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	MC9S12XDP512CAL.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.35 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	112-LQFP (20x20)
SPEED	80MHz
SERIES	HCS12X
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	112-LQFP
OTHER NAMES	935313587557
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	91
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	HCS12X HCS12X Microcontroller IC 16-Bit 80MHz 512KB (512K x 8) FLASH 112-LQFP (20x20)
DATA CONVERTERS	A/D 16x10b
CORE SIZE	16-Bit
CORE PROCESSOR	HCS12X
CONNECTIVITY	CANbus, EBI/EMI, I ² C, IrDA, LINbus, SCI, SPI
BASE PART NUMBER	MC9S12XDP512

Related Tags

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Related Products

MC9S12XDG128CAA Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: Out stock RFQ	MC9S12XDP512CAG Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: Out stock RFQ
MC9S12XDP512MAG Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 144LQFP In stock: 240 pcs RFQ	MC9S12XD64MAA Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 64KB FLASH 80QFP In stock: Out stock RFQ
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MC9S12XDP512VAL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 512KB FLASH 112LQFP In stock: 250 pcs RFQ	MC9S12XDG128CAL Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 16BIT 128KB FLASH 112LQFP In stock: Out stock RFQ