NXP Semiconductors / Freescale

Image may be representation. See specifications for product details.

MC9S12XDP512MAL

Part Number:	MC9S12XDP512MAL
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 16BIT 512KB FLASH 112LQFP
Datasheets:	
RoHs Status	Lead free / RoHS Compliant
Stock Condition	2916 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MC9S12XDP512MAL

PART NUMBER	MC9S12XDP512MAL
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 16BIT 512KB FLASH 112LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	2916 pcs
DATA SHEET	
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	935313588557
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 125°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 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, I²C, IrDA, LINbus, SCI, SPI
BASE PART NUMBER	MC9S12XDP512

Related Tags

MC9S12XDP512MAL	MC9S12XDP512MAL Distributor	MC9S12XDP512MAL Supplier
MC9S12XDP512MAL Price	MC9S12XDP512MAL Pictures	MC9S12XDP512MAL Image
MC9S12XDP512MAL PDF Datasheet	MC9S12XDP512MAL Download Datasheet	MC9S12XDP512MAL Datasheet
MC9S12XDP512MAL Stock	Buy MC9S12XDP512MAL	Buy MC9S12XDP512MAL
MC9S12XDP512MAL	Supplier	Distributor

Related Products

MC9S12XDP512MAG
Manufacturers: NXP
Description: IC MCU 16BIT 512KB FLASH 144LQFP
In stock: 3280 pcs
RFQ

MC9S12XDT256CAL
Manufacturers: NXP
Description: IC MCU 16BIT 256KB FLASH 112LQFP
In stock: 4202 pcs
RFQ

MC9S12XDP512CAL
Manufacturers: NXP
Description: IC MCU 16BIT 512KB FLASH 112LQFP
In stock: 3413 pcs
RFQ

MC9S12XDG128CAL
Manufacturers: NXP
Description: IC MCU 16BIT 128KB FLASH 112LQFP
In stock: 8980 pcs
RFQ

MC9S12XDP512VAG
Manufacturers: NXP
Description: IC MCU 16BIT 512KB FLASH 144LQFP
In stock: 3026 pcs
RFQ

MC9S12XDT256CAG
Manufacturers: NXP
Description: IC MCU 16BIT 256KB FLASH 144LQFP
In stock: 4891 pcs
RFQ

MC9S12XDT256CAA
Manufacturers: NXP
Description: IC MCU 16BIT 256KB FLASH 80QFP
In stock: 4077 pcs
RFQ

MC9S12XDP512CAG
Manufacturers: NXP
Description: IC MCU 16BIT 512KB FLASH 144LQFP
In stock: 3319 pcs
RFQ

MC9S12XDG128MAA
Manufacturers: NXP
Description: IC MCU 16BIT 128KB FLASH 80QFP
In stock: 8712 pcs
RFQ

MC9S12XDP512VAL
Manufacturers: NXP
Description: IC MCU 16BIT 512KB FLASH 112LQFP
In stock: 2994 pcs
RFQ

MC9S12XDG128MAL
Manufacturers: NXP
Description: IC MCU 16BIT 128KB FLASH 112LQFP
In stock: 8847 pcs
RFQ

MC9S12XDT256CAAR
Manufacturers: NXP Semiconductors / Freescale
Description: IC MCU 16BIT 256KB FLASH 80QFP
In stock: 3840 pcs
RFQ

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