

NXP Semiconductors / Freescale

MC9S12DT512CPVE

Part Number:	MC9S12DT512CPVE
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 16BIT 512KB FLASH 112LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3696 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

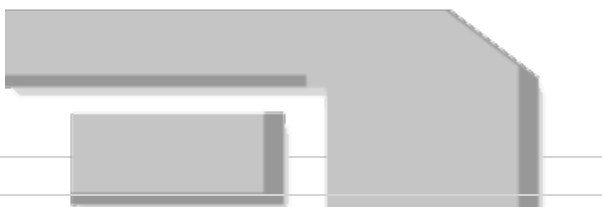
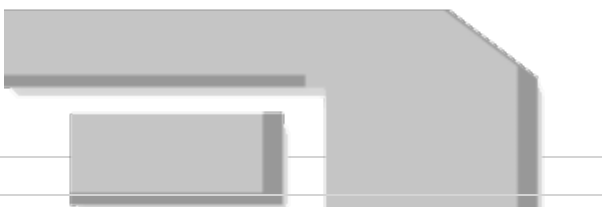
Specifications of MC9S12DT512CPVE

PART NUMBER	MC9S12DT512CPVE
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 16BIT 512KB FLASH 112LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3696 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.35 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	112-LQFP (20x20)
SPEED	25MHz
SERIES	HCS12
RAM SIZE	14K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	112-LQFP
OTHER NAMES	935321072557
OSCILLATOR TYPE	Internal
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	HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 512KB (512K x 8) FLASH 112-LQFP (20x20)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	16-Bit
CORE PROCESSOR	HCS12
CONNECTIVITY	CANbus, I²C, SCI, SPI

Related Tags

MC9S12DT512CPVE	MC9S12DT512CPVE Distributor	MC9S12DT512CPVE Supplier
MC9S12DT512CPVE Price	MC9S12DT512CPVE Pictures	MC9S12DT512CPVE Image
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Related Products

	MC9S12E128MFUE Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: 4463 pcs RFQ		MC9S12E128CFU Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: 4717 pcs RFQ
	MC9S12DT256VPVE Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 112LQFP In stock: 4246 pcs RFQ		MC9S12E128CFUER Manufacturers: NXP Description: S12E 16-BIT MCU HCS12 CORE 128 In stock: 7659 pcs RFQ
	MC9S12E128MFU Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: 3295 pcs RFQ		MC9S12DT256MFUE Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 80QFP In stock: 2922 pcs RFQ
	MC9S12DT256CCPV Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 112LQFP In stock: 3460 pcs RFQ		MC9S12DT256MPVE Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 112LQFP In stock: 2351 pcs RFQ
	MC9S12E128CPVE Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 112LQFP In stock: 5275 pcs RFQ		MC9S12DT256VFUE Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 80QFP In stock: 4877 pcs RFQ
	MC9S12E128CFUE Manufacturers: NXP Description: IC MCU 16BIT 128KB FLASH 80QFP In stock: 5161 pcs RFQ		MC9S12DT256CPVE Manufacturers: NXP Description: IC MCU 16BIT 256KB FLASH 112LQFP In stock: 2658 pcs RFQ