



NXP Semiconductors / Freescale



MC9S12E32VFUE16R

Part Number:	MC9S12E32VFUE16R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	S12E 16-BIT MCU HCS12 CORE 32K
Datasheets:	 MC9S12E32VFUE16R.pdf
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 MC9S12E32VFUE16R

PART NUMBER	MC9S12E32VFUE16R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S12E 16-BIT MCU HCS12 CORE 32K
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	 MC9S12E32VFUE16R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.35 V ~ 2.75 V
SUPPLIER DEVICE PACKAGE	80-QFP (14x14)
SPEED	25MHz
SERIES	HCS12
RAM SIZE	4K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	80-QFP
OTHER NAMES	935325205528
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	60
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	-
DETAILED DESCRIPTION	HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 32KB (32K x 8) FLASH 80-QFP (14x14)
DATA CONVERTERS	A/D 16x10b; D/A 2x8b
CORE SIZE	16-Bit
CORE PROCESSOR	HCS12
CONNECTIVITY	EBI/EMI, I²C, SCI, SPI

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