



NXP Semiconductors / Freescale

MC9S12E128CFUER

Part Number: MC9S12E128CFUER
 Manufacturer/Brand: NXP Semiconductors / Freescale
 Product description: S12E 16-BIT MCU HCS12 CORE 128
 Datasheets: [1.MC9S12E128CFUER.pdf](#)
[2.MC9S12E128CFUER.pdf](#)
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

Specifications of MC9S12E128CFUER

PART NUMBER	MC9S12E128CFUER
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S12E 16-BIT MCU HCS12 CORE 128
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	1.MC9S12E128CFUER.pdf 2.MC9S12E128CFUER.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.35 V ~ 2.75 V
SUPPLIER DEVICE PACKAGE	80-QFP (14x14)
SPEED	25MHz
SERIES	HCS12
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	80-QFP
OTHER NAMES	935322674528
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°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 128KB (128K x 8) FLASH 80-QFP (14x14)
DATA CONVERTERS	A/D 16x10b; D/A 2x8b
CORE SIZE	16-Bit
CORE PROCESSOR	HCS12
CONNECTIVITY	EBI/EMI, I ² C, SCI, SPI

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