



NXP Semiconductors / Freescale



MC9S12DG256CFUER

Part Number:	MC9S12DG256CFUER
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	S12DG 16-BIT MCU HCS12 CORE 25
Datasheets:	PDF MC9S12DG256CFUER.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 MC9S12DG256CFUER

PART NUMBER	MC9S12DG256CFUER
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	S12DG 16-BIT MCU HCS12 CORE 25
LEAD FREE STATUS / ROHS STATUS	
DATA SHEET	PDF MC9S12DG256CFUER.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.35 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	80-QFP (14x14)
SPEED	25MHz
SERIES	HCS12
RAM SIZE	12K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	80-QFP
OTHER NAMES	935318476528
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	59
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 256KB (256K x 8) FLASH 80-QFP (14x14)
DATA CONVERTERS	A/D 16x10b
CORE SIZE	16-Bit
CORE PROCESSOR	HCS12
CONNECTIVITY	CANbus, I²C, SCI, SPI

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