

## MC9S12DG256BCFU



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IC MCU 16BIT 256KB FLASH 80QFP  
 Contains lead / RoHS non-compliant  
 Integrated Circuits (ICs)

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### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	2.35 V ~ 5.25 V
<b>Supplier Device Package:</b>	80-QFP (14x14)
<b>Speed:</b>	25MHz
<b>Series:</b>	HCS12
<b>RAM Size:</b>	12K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	256KB (256K x 8)
<b>Peripherals:</b>	PWM, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	80-QFP
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of I/O:</b>	59
<b>EEPROM Size:</b>	4K x 8
<b>Data Converters:</b>	A/D 16x10b
<b>Core Size:</b>	16-Bit
<b>Core Processor:</b>	HCS12
<b>Connectivity:</b>	CAN, I <sup>2</sup> C, SCI, SPI

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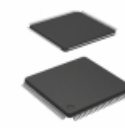
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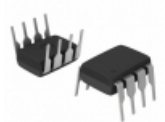
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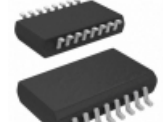
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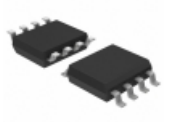
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