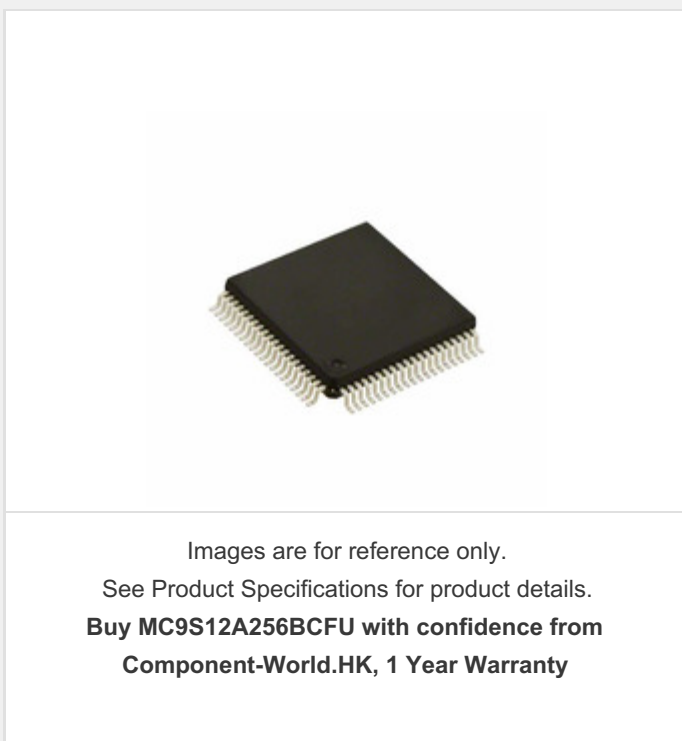


**MC9S12A256BCFU**



**Part Number:** [MC9S12A256BCFU](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** IC MCU 16BIT 256KB FLASH 80QFP  
**Data sheet:** [MC9S12DP256B Guide](#)  
[MC9S12A256BCFU](#)

**RoHS Status:** Contains lead / RoHS non-compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
<b>Part Number</b>	MC9S12A256BCFU	<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	IC MCU 16BIT 256KB FLASH 80QFP	<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>Quantity Available</b>	5533 pcs	<b>Data sheet</b>	<a href="#">MC9S12DP256B Guide</a> <a href="#">MC9S12A256BCFU</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<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>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>EEPROM Size</b>	4K x 8	<b>Detailed Description</b>	HCS12 HCS12 Microcontroller IC 16-Bit 25MHz 256KB (256K x 8) FLASH 80-QFP (14x14)
<b>Data Converters</b>	A/D 16x10b	<b>Core Size</b>	16-Bit
<b>Core Processor</b>	HCS12	<b>Connectivity</b>	CANbus, I <sup>2</sup> C, SCI, SPI
<b>Base Part Number</b>	MC9S12A256		

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	<b>Part#:</b> <a href="#">MC9S12A256BCPV</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 112LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S08SL8VTJ</a> <b>Description:</b> IC MCU 8BIT 8KB FLASH 20TSSOP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S12A128CPVE</a> <b>Description:</b> IC MCU 16BIT 128KB FLASH 112LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S12A32CFUER</a> <b>Description:</b> IC MCU 16BIT 32KB FLASH 80QFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S08SV8CBM</a> <b>Description:</b> IC MCU 8BIT 8KB FLASH 32SDIP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S12A128CFUE</a> <b>Description:</b> IC MCU 16BIT 128KB FLASH 80QFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S12A64CFUE</a> <b>Description:</b> IC MCU 16BIT 64KB FLASH 80QFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S08SV16CBM</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 32SDIP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S12A256VPVE</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 112LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S12A32CFUE</a> <b>Description:</b> IC MCU 16BIT 32KB FLASH 80QFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S12A512CPVER</a> <b>Description:</b> S12A 16-BIT MCU HCS12 CORE 512	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">MC9S12A256MPVE</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 112LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S12A128BCPV</a> <b>Description:</b> IC MCU 16BIT 128KB FLASH 112LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S08SU8VFK</a> <b>Description:</b> IC MCU 8BIT 8KB FLASH 24QFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S12A512CPVE</a> <b>Description:</b> IC MCU 16BIT 512KB FLASH 112LQFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S12A128BCFU</a> <b>Description:</b> IC MCU 16BIT 128KB FLASH 80QFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S08SU16VFK</a> <b>Description:</b> IC MCU 8BIT 16KB FLASH 24QFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">MC9S12A256CFUE</a> <b>Description:</b> IC MCU 16BIT 256KB FLASH 80QFP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>

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