

16-bit Digital Signal Controller, Digitala signalprocessorer och kontroller (DSP, DSC) 16 BIT HYBRID CNTRLR

Manufacturers	NXP Semiconductor
Package/Case	LQFP-128
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC56F8335VFGE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.



General Description

MC56F8335VFGE is a digital signal controller (DSC) manufactured by NXP Semiconductors.

Features

- It is based on the 56800E core with integrated peripherals.
- It has a 32-bit CPU with a Harvard architecture.
- It includes 64 KB of flash memory and 8 KB of RAM.
- It has a 12-bit analog-to-digital converter (ADC) with up to 16 channels.
- It includes communication interfaces such as SPI, I2C, SCI, and CAN.
- It has a variety of timer modules, including pulse-width modulators (PWMs) and quadrature encoders.

Application

- Industrial automation and control systems
- Motor control applications
- Power electronics
- Digital power supplies
- Lighting control systems
- Automotive applications



Related Products



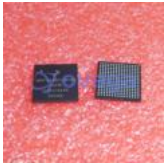
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
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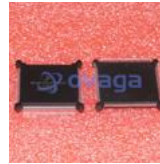
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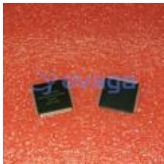
[MCF5253CVM140](#)

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[MC9S12DP512VPVE](#)

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