

16 BIT HYBRID CONTROLLER, Digitala signalprocessorer och kontrollrar (DSP, DSC) 16 BIT HYBRID CNTRLR

Manufacturers	NXP Semiconductor
Package/Case	LQFP-144
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC56F8346VFVE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC56F8346VFVE is a 16-bit digital signal controller (DSC) manufactured by NXP Semiconductors. It is a member of the MC56F8000 DSC family and is designed for use in motor control and power conversion applications.

Features

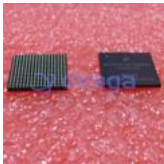
- 60 MHz maximum CPU clock frequency
- 128 KB flash memory and 16 KB RAM
- 12-bit ADC with 22 channels
- Multiple communication interfaces, including SPI, I2C, UART, and CAN
- PWM generator for motor control
- Temperature sensor
- Low-power modes for battery-powered applications

Application

- Brushless DC motor control
- Power conversion and inverters
- Battery management systems
- Lighting control
- Industrial automation

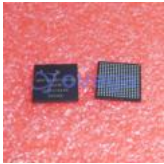


Related Products



[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



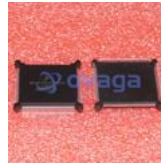
[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MC9S12DP512VPVE](#)

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LQFP-112



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44