

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

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



Images are for reference only

Please submit RFQ for MC56F8366MFVE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC56F8366MFVE is a microcontroller unit (MCU) manufactured by NXP Semiconductors, a leading semiconductor company. This MCU is based on the 56800E core and is part of the 56F836x family of MCUs.

Features

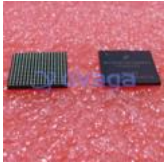
- 32-bit core operating at up to 80 MHz
- 128 KB on-chip flash memory and 12 KB on-chip RAM
- Up to 64 KB of data flash memory
- 10-bit ADC with up to 24 channels
- Up to 16-channel PWM output
- Communication interfaces such as I2C, SPI, SCI, and CAN
- Operating voltage range of 2.7V to 5.5V

Application

- Motor control systems
- Power converters
- Industrial control systems
- Lighting control systems
- Automotive applications



Related Products



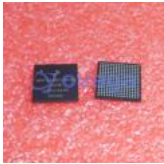
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



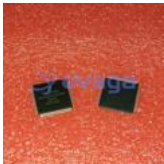
[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44