

56F8356 16-bit Hybrid Controller, Digital Signal Processors & Controllers (DSP, DSC)  
(DSP, DSC) 60MHz 60MIPS

Manufacturers	<u><a href="#">NXP Semiconductor</a></u>
Package/Case	LQFP-144
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MC56F8356V60 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

MC56F8356V60 is a digital signal controller (DSC) from the 56F83xxx family of microcontrollers designed and manufactured by NXP Semiconductors.

## Features

It has a 32-bit core based on the enhanced 56800E core with a clock speed of up to 60 MHz.

It has 256 KB of flash memory and 16 KB of RAM.

It has an extensive set of peripherals, including multiple UART, SPI, and I2C interfaces, as well as a PWM generator, an ADC, and a DMA controller.

It has a flexible interrupt controller that allows for efficient handling of interrupts.

It has a variety of power-saving modes to optimize power consumption.

## Application

Motor control

Power conversion

Industrial automation

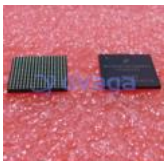
Consumer electronics

Lighting control

Audio processing



## Related Products



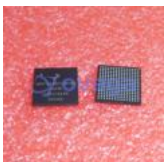
### [MCIMX6Y2CVM08AA](#)

NXP Semiconductor  
MAPBGA-289



### [MC68302CEH20C](#)

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