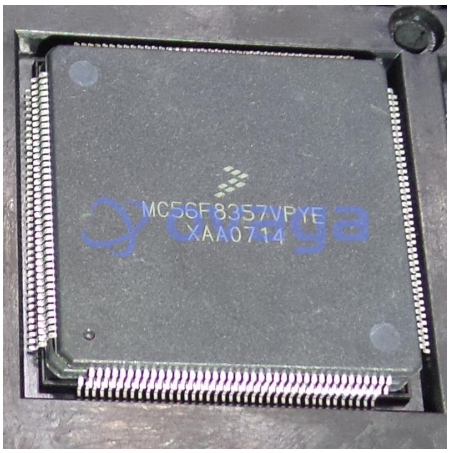
MC56F8357MPYE

Data Sheet

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

Manufacturers	NXP Semiconductor
Package/Case	LQFP-160
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC56F8357MPYE or Email to us: sales@ovaga.com We will contact you in 12 hours.

RFQ

General Description

MC56F8357MPYE is a microcontroller unit (MCU) developed by NXP Semiconductors. It is a member of the Digital Signal Controller (DSC) family, specifically designed for high-performance signal processing applications.

Features

It is based on a 16-bit digital signal processing (DSP) core.

It has a maximum operating frequency of 60 MHz.

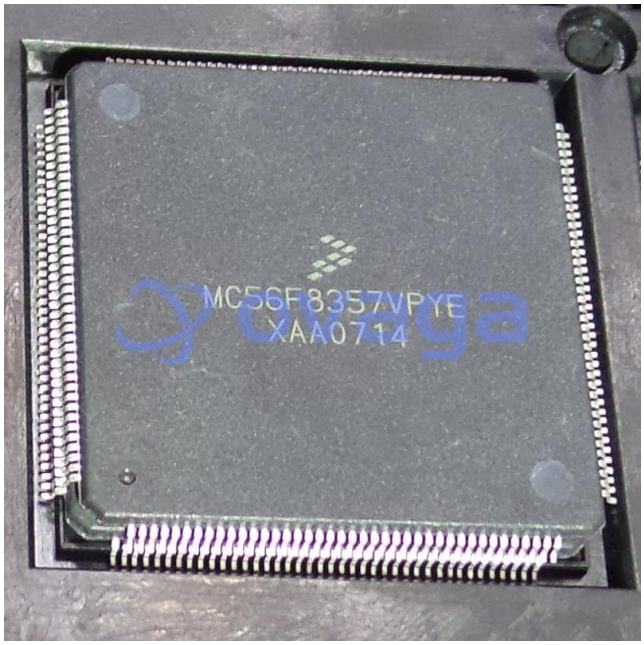
It has 128 KB of flash memory and 8 KB of RAM.

It has a variety of communication interfaces, including UART, SPI, I2C, and CAN.

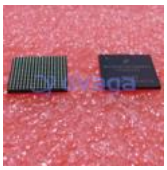
It has a number of on-chip peripherals, such as timers, ADCs, and PWMs.

It has an operating temperature range of -40°C to +105°C.

It is available in a small package size (LQFP-64).



Related Products



[MCIMX6Y2CVM08AA](#)

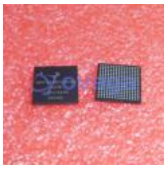
NXP Semiconductor

MAPBGA-289

[MC68302CEH20C](#)

NXP Semiconductor

PQFP-132



[MCF5253CVM140](#)

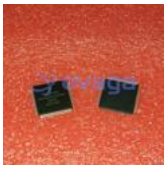
NXP Semiconductor

BGA-225

[MC68332ACEH20](#)

NXP Semiconductor

QFP132



[MCF52223CAF80](#)

NXP Semiconductor

100-LQFP

[MC9S12DP512VPVE](#)

NXP Semiconductor

LQFP-112

[MC9S12DG128MFUE](#)

NXP Semiconductor

QFP-80

[MC9S08GT8AMFBE](#)

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QFP-44