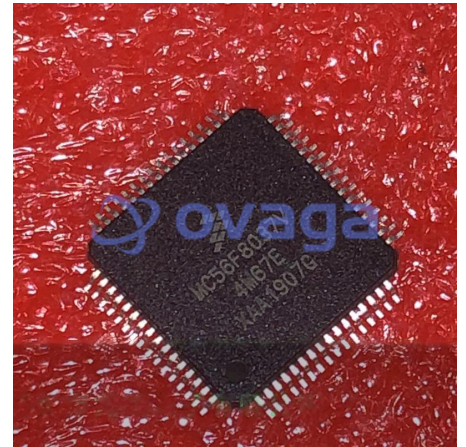


16 BIT Digital Signal Processor HC, Digitala signalprocessorer och kontrollorer (DSP, DSC) 16 BIT DSPHC

Manufacturers	NXP Semiconductor
Package/Case	LQFP64
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC56F8037VLH or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC56F8037VLH is a digital signal controller (DSC) produced by NXP Semiconductors. It is a 16-bit DSC with a maximum operating frequency of 60 MHz and is based on the 56800E core.

Features

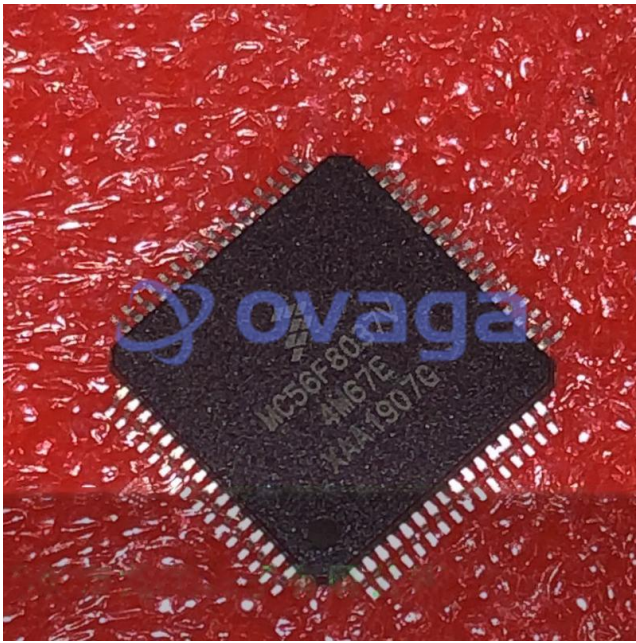
64 KB Flash memory and 8 KB RAM

A/D converter with 16 channels and 12-bit resolution

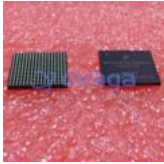
PWM module with six channels and 16-bit resolution

Communication interfaces including SPI, SCI, and I2C

Real-time clock and a 16-bit timer

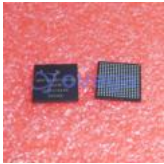


Related Products



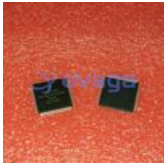
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



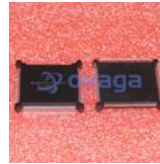
[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44