

MCU 32-bit 56800 EX RISC 256KB Flash 64-Pin LQFP Tray

Manufacturers	NXP Semiconductor
Package/Case	QFP64
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MC56F82748VLH or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC56F82748VLH is a microcontroller unit (MCU) developed by NXP Semiconductors. It belongs to the MC56F827xx family of digital signal controllers (DSCs) and is based on the 32-bit ColdFire V1 core architecture.

Features

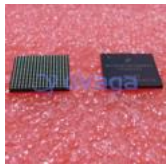
- 32-bit ColdFire V1 core operating at up to 80 MHz
- 256 KB flash memory
- 48 KB SRAM
- 12-bit analog-to-digital converter (ADC)
- Multiple communication interfaces such as UART, SPI, and I2C
- Built-in peripherals for motor control and power conversion
- Operating voltage range of 2.7V to 5.5V
- Temperature range of -40°C to 105°C

Application

- Motor control systems
- Power conversion systems
- Industrial control systems
- Smart energy systems
- Medical devices
- Automotive systems



Related Products



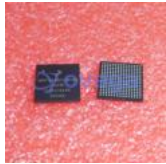
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



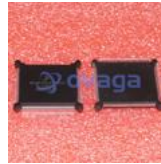
[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



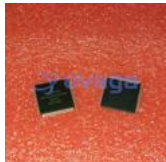
[MCF5253CVM140](#)

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