

32BIT MCU,GPT,SIM,QSM,Microcontrollers (MCU) 32BIT MCU GPT SIM QSM



Images are for reference only

Manufacturers	NXP Semiconductor
Package/Case	PQFP-132
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	

Please submit RFQ for MC68331CEH16 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

General Description

MC68331CEH16 is a microcontroller unit (MCU) manufactured by Freescale Semiconductor, which is now a part of NXP Semiconductors. It is a 16-bit MCU from the Motorola 68000 family and is designed for embedded control applications.

Features

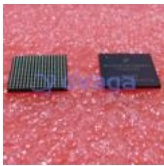
- A 16-bit central processing unit (CPU) with an instruction set similar to the Motorola 68000 series
- 32K bytes of on-chip static random-access memory (SRAM)
- 16-channel direct memory access (DMA) controller
- Two 16-bit timer modules with four input capture and four output compare channels each
- A serial communications interface (SCI) with full-duplex capabilities and programmable baud rate generator
- A parallel input/output (I/O) interface with 16 programmable I/O lines
- Support for power-saving modes, including stop and wait modes

Application

- MC68331CFC16 from NXP Semiconductors
- MC68331CAG25 from NXP Semiconductors
- MC68331CEH25 from NXP Semiconductors
- MC68331CFC20 from NXP Semiconductors
- MC68331CAG20 from NXP Semiconductors

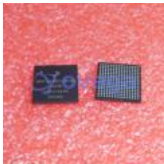


Related Products



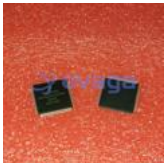
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



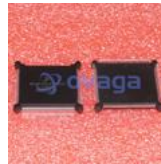
[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44