

ColdFire Microcontroller, Modular Architecture, Coldfire Family MC683xx Series Microcontrollers

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	LQFP-144
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC68332ACAG25 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

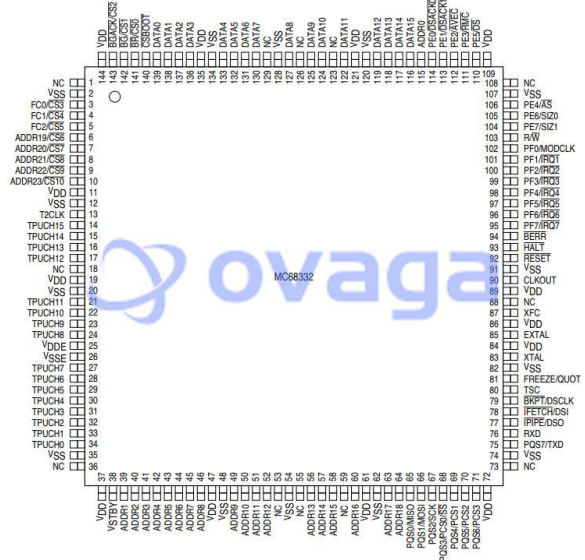
MC68332ACAG25 is a microcontroller unit (MCU) developed by Freescale Semiconductor (now NXP Semiconductors) for use in embedded systems. It belongs to the MC68332 family of microcontrollers and is designed for high-performance applications that require real-time control and communication.

Features

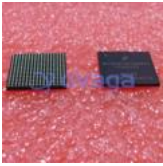
- 32-bit CPU with a clock speed of 25 MHz
- 8-channel DMA controller
- 4-channel serial communication interface (SCI)
- 2-channel asynchronous/synchronous serial peripheral interface (SPI)
- 16-bit parallel input/output (I/O) port
- 16-bit timer system with four timers
- Interrupt controller with 16 sources
- 128 kilobytes of on-chip flash memory
- 4 kilobytes of on-chip random access memory (RAM)

Application

- MC68332ACFC25
- MC68332ACPV25
- MC68332ACFT25
- MC68332ACFT16
- MC68332ACFC16
- MC68332ACPV16



Related Products



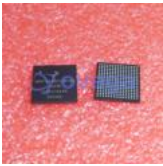
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



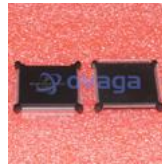
[MC68302CEH20C](#)

NXP Semiconductor
QFP-132



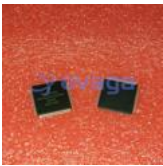
[MCF5253CVM140](#)

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