

Microcontrollers (MPU), 32B MPU DMA TIMER

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	QFP144
Product Type	Embedded Processors & Controllers
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MC68340FE25E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC68340FE25E is a microprocessor unit (MPU) manufactured by NXP Semiconductors (formerly Freescale Semiconductor). It is a member of the M68000 family of 32-bit microprocessors.

Features

It operates at a clock speed of up to 25 MHz.

It has a 32-bit internal architecture and a 16-bit external data bus.

It includes 4 kilobytes of on-chip static RAM (SRAM) and 512 bytes of non-volatile RAM (NVRAM).

It has a variety of communication interfaces, including two UARTs, two synchronous serial communication interfaces (SSCIs), and a parallel port interface (PPI).

It also includes a direct memory access (DMA) controller and a programmable interrupt controller (PIC).

Application

Industrial control systems

Communication systems

Medical equipment

Automotive electronics

Robotics

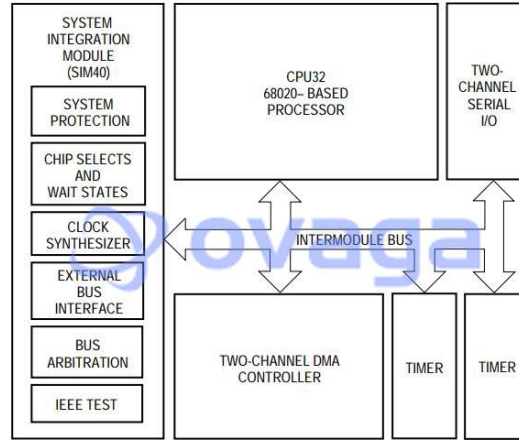
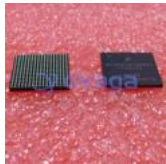


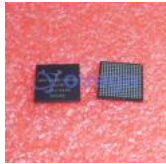
Figure 1-1. Block Diagram

Related Products



[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



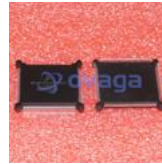
[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MC68332ACEH20](#)

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LQFP-112



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QFP-44