

8 Bit MCU, HC05 Family 68HC705C8A Series Microcontrollers, 4 MHz, 8 KB, 176 Byte, 44 Pins, LCC

Manufacturers	NXP Semiconductor
Package/Case	PLCC-44
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC68HC705C8ACFNE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC68HC705C8ACFNE is a microcontroller manufactured by NXP Semiconductors (formerly known as Freescale Semiconductor) that belongs to the 68HC05 family of microcontrollers.

Features

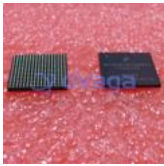
- 8-bit CPU with 64 KB of addressable memory
- 8 MHz internal clock frequency
- 52 general-purpose I/O pins
- 8-channel, 8-bit analog-to-digital converter (ADC)
- Two 16-bit timer modules
- One 8-bit pulse-width modulator (PWM)
- One serial communication interface (SCI)
- On-chip debug monitor and in-circuit emulator (ICE) support

Application

- Industrial control systems
- Automotive electronics
- Home appliances
- Security systems
- Medical devices

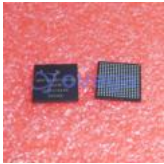


Related Products



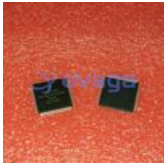
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



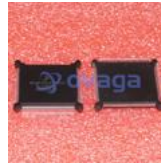
[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44