

Microcontrollers (MCU) HC05 CORE + 8K RAM + EPR

Manufacturers	<u>NXP Semiconductor</u>
Package/Case	PDIP-40
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC705C8ACPE or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MC705C8ACPE is a microcontroller unit (MCU) manufactured by NXP Semiconductors, formerly known as Freescale Semiconductor. This particular MCU is based on the 8-bit HC05 architecture and is designed for embedded control applications.

Features

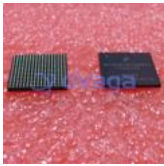
- 8-bit HC05 CPU core
- 8KB of on-chip ROM
- 256 bytes of on-chip RAM
- 16-bit timer system with four channels
- 8-bit pulse accumulator
- 8-channel analog-to-digital converter (ADC)
- I/O ports with interrupt capability
- Serial communication interfaces including UART and SPI

Application

- Automotive applications, such as engine management systems and instrument clusters
- Industrial control systems, such as motor control and process automation
- Consumer electronics, such as home appliances and gaming devices
- Medical devices, such as diagnostic equipment and monitoring systems

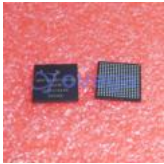


Related Products



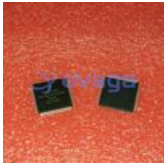
[MCIMX6Y2CVM08AA](#)

NXP Semiconductor
MAPBGA-289



[MCF5253CVM140](#)

NXP Semiconductor
BGA-225



[MCF52223CAF80](#)

NXP Semiconductor
100-LQFP



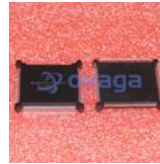
[MC9S12DG128MFUE](#)

NXP Semiconductor
QFP-80



[MC68302CEH20C](#)

NXP Semiconductor
PQFP-132



[MC68332ACEH20](#)

NXP Semiconductor
QFP132



[MC9S12DP512VPVE](#)

NXP Semiconductor
LQFP-112



[MC9S08GT8AMFBE](#)

NXP Semiconductor
QFP-44