



#### **MC705P6ACPE Information**



For Reference Only

Part Number MC705P6ACPE

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** IC MCU 8BIT 4.5KB OTP 28DIP

**Package** 28-DIP (0.600", 15.24mm)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# **Certified Quality**

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## **MC705P6ACPE Specifications**

Manufacturer Part Number         MC705P6ACPE           Manufacturer         NXP           Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         28-DIP (0.600", 15.24mm)           Series         HC05           Core Processor         HC05           Core Size         8-Bit           Speed         2.1MHz           Connectivity         SIO           Peripherals         POR, WDT           Number of I/O         21           Program Memory Size         4.5KB (4.5K x 8)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         176 x 8           Voltage - Supply (Vcc/Vdd)         3 V ~ 5.5 V           Data Converters         A/D 4x8b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-DIP (0.600", 15.24mm)           Supplier Device Package         28-DIP (0.600", 15.24mm)		
Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         28-DIP (0.600", 15.24mm)           Series         HC05           Core Processor         HC05           Core Size         8-Bit           Speed         2.1MHz           Connectivity         SIO           Peripherals         POR, WDT           Number of I/O         21           Program Memory Size         4.5KB (4.5K x 8)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         176 x 8           Voltage - Supply (Vcc/Vdd)         3 V ~ 5.5 V           Data Converters         A/D 4x8b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-DIP (0.600", 15.24mm)           Supplier Device Package         28-DIP	Manufacturer Part Number	MC705P6ACPE
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Core Size         8-Bit           Speed         2.1MHz           Connectivity         SIO           Peripherals         POR, WDT           Number of I/O         21           Program Memory Size         4.5KB (4.5K x 8)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         176 x 8           Voltage - Supply (Vcc/Vdd)         3 V ~ 5.5 V           Data Converters         A/D 4x8b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-DIP (0.600", 15.24mm)           Supplier Device Package         28-PDIP	Series	HC05
Speed         2.1MHz           Connectivity         SIO           Peripherals         POR, WDT           Number of I/O         21           Program Memory Size         4.5KB (4.5K x 8)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         176 x 8           Voltage - Supply (Vcc/Vdd)         3 V ~ 5.5 V           Data Converters         A/D 4x8b           Oscillator Type         Internal           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         -           Package / Case         28-DIP (0.600", 15.24mm)           Supplier Device Package         28-PDIP	Core Processor	HC05
Connectivity  Peripherals  POR, WDT  Number of I/O  21  Program Memory Size  4.5KB (4.5K x 8)  Program Memory Type  OTP  EEPROM Size  - RAM Size  176 x 8  Voltage - Supply (Vcc/Vdd)  3 V ~ 5.5 V  Data Converters  A/D 4x8b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Package / Case  28-DIP (0.600", 15.24mm)  Supplier Device Package	Core Size	8-Bit
Peripherals Number of I/O 21 Program Memory Size 4.5KB (4.5K x 8) Program Memory Type OTP EEPROM Size - RAM Size 176 x 8 Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V Data Converters A/D 4x8b Oscillator Type Internal Operating Temperature 4-40°C ~ 85°C (TA) Mounting Type - Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package	Speed	2.1MHz
Number of I/O Program Memory Size 4.5KB (4.5K x 8)  Program Memory Type OTP  EEPROM Size - RAM Size 176 x 8  Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V  Data Converters A/D 4x8b  Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package	Connectivity	SIO
Program Memory Size 4.5KB (4.5K x 8)  Program Memory Type OTP  EEPROM Size -  RAM Size 176 x 8  Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V  Data Converters A/D 4x8b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type -  Package / Case 28-DIP (0.600", 15.24mm)  Supplier Device Package 28-PDIP	Peripherals	POR, WDT
Program Memory Type  EEPROM Size  RAM Size  176 x 8  Voltage - Supply (Vcc/Vdd)  Data Converters  A/D 4x8b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  - Package / Case  28-DIP (0.600", 15.24mm)  Supplier Device Package	Number of I/O	21
EEPROM Size - 176 x 8  Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V  Data Converters A/D 4x8b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type - Package / Case 28-DIP (0.600", 15.24mm)  Supplier Device Package 28-PDIP	Program Memory Size	4.5KB (4.5K x 8)
RAM Size 176 x 8  Voltage - Supply (Vcc/Vdd) 3 V ~ 5.5 V  Data Converters A/D 4x8b  Oscillator Type Internal  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type -  Package / Case 28-DIP (0.600", 15.24mm)  Supplier Device Package 28-PDIP	Program Memory Type	OTP
Voltage - Supply (Vcc/Vdd)  Data Converters  A/D 4x8b  Oscillator Type  Internal  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  - Package / Case  28-DIP (0.600", 15.24mm)  Supplier Device Package	EEPROM Size	-
Data ConvertersA/D $4x8b$ Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case $28\text{-DIP}$ (0.600", 15.24mm)Supplier Device Package $28\text{-PDIP}$	RAM Size	176 x 8
Oscillator Type Internal $ -40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)} $ Mounting Type $ - $ Package / Case $ 28\text{-DIP } (0.600'', 15.24\text{mm}) $ Supplier Device Package $ 28\text{-PDIP} $	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C (TA)}$ Mounting Type $-$ Package / Case $28\text{-DIP } (0.600'', 15.24\text{mm})$ Supplier Device Package $28\text{-PDIP}$	Data Converters	A/D 4x8b
Mounting Type - Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-PDIP	Oscillator Type	Internal
Package / Case 28-DIP (0.600", 15.24mm) Supplier Device Package 28-PDIP	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 28-PDIP	Mounting Type	-
	Package / Case	28-DIP (0.600", 15.24mm)
Report errors?	Supplier Device Package	28-PDIP
10pol 011010.		Report errors?

#### MC705P6ACPE Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### **MC705P6ACPE Payment Methods**



















### MC705P6ACPE Shipping Methods













If you have any question about MC705P6ACPE, please do not hesitate to contact us!

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