

MC705X32MFUE4R



Part Number: [MC705X32MFUE4R](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 8BIT 32KB OTP 64QFP

Data sheet:  [MC68HC05/705](#)

RoHs Status: Lead free / RoHS Compliant

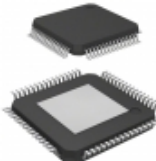
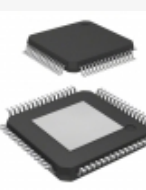
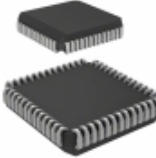
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                           |                                  |                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | MC705X32MFUE4R                                                            | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 32KB OTP 64QFP                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 5609 pcs                                                                  | Data sheet                       | <a href="#">MC68HC05/705</a>                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage - Supply (Vcc/Vdd)       | 4.5 V ~ 5.5 V                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                  | 64-QFP (14x14)                                                            | Speed                            | 4MHz                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                   | HC05                                                                      | RAM Size                         | 528 x 8                                        |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                      | OTP                                                                       | Program Memory Size              | 32KB (32K x 8)                                 |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                              | POR, WDT                                                                  | Packaging                        | Cut Tape (CT)                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 64-QFP                                                                    | Other Names                      | MC705X32MFUE4RCT                               |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                                                  | Operating Temperature            | -40°C ~ 125°C (TA)                             |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                            | 24                                                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                                | EEPROM Size                      | 256 x 8                                        |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                     | HC05 HC05 Microcontroller IC 8-Bit 4MHz 32KB (32K x 8) OTP 64-QFP (14x14) | Data Converters                  | A/D 8x8b                                       |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                                     | Core Processor                   | HC05                                           |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                             | CANbus, SCI                                                               | Base Part Number                 | MC705X32                                       |
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