

NXP Semiconductors / Freescale

MC9S08QA2CPAE

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MC9S08QA2CPAE                                                                                                |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 8BIT 2KB FLASH 8DIP                                                                                   |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 36588 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of MC9S08QA2CPAE

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| PART NUMBER                      | MC9S08QA2CPAE                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                   |
| DESCRIPTION                      | IC MCU 8BIT 2KB FLASH 8DIP                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| QUANTITY AVAILABLE               | 36588 pcs                                                        |
| DATA SHEET                       |                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.8 V ~ 3.6 V                                                    |
| SUPPLIER DEVICE PACKAGE          | 8-PDIP                                                           |
| SPEED                            | 20MHz                                                            |
| SERIES                           | S08                                                              |
| RAM SIZE                         | 160 x 8                                                          |
| PROGRAM MEMORY TYPE              | FLASH                                                            |
| PROGRAM MEMORY SIZE              | 2KB (2K x 8)                                                     |
| PERIPHERALS                      | LVD, POR, PWM, WDT                                               |
| PACKAGING                        | Tube                                                             |
| PACKAGE / CASE                   | 8-DIP (0.300", 7.62mm)                                           |
| OTHER NAMES                      | 935321315174                                                     |
| OSCILLATOR TYPE                  | Internal                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                |
| NUMBER OF I/O                    | 4                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| EEPROM SIZE                      | -                                                                |
| DETAILED DESCRIPTION             | S08 S08 Microcontroller IC 8-Bit 20MHz 2KB (2K x 8) FLASH 8-PDIP |
| DATA CONVERTERS                  | A/D 4x10b                                                        |
| CORE SIZE                        | 8-Bit                                                            |
| CORE PROCESSOR                   | S08                                                              |
| CONNECTIVITY                     | -                                                                |
| BASE PART NUMBER                 | MC9S08QA2                                                        |

Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MC9S08QA2CPAE               | MC9S08QA2CPAE Distributor        | MC9S08QA2CPAE Supplier  |
| MC9S08QA2CPAE Price         | MC9S08QA2CPAE Pictures           | MC9S08QA2CPAE Image     |
| MC9S08QA2CPAE PDF Datasheet | MC9S08QA2CPAE Download Datasheet | MC9S08QA2CPAE Datasheet |
| MC9S08QA2CPAE Stock         | Buy MC9S08QA2CPAE                | Buy MC9S08QA2CPAE       |
| MC9S08QA2CPAE               | Supplier                         | Distributor             |

Related Products

|                                                                                    |                                                                                                                          |                                                                                      |                                                                                                                        |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
|  | <b>MC9S08QA4CFQE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 4KB FLASH 8QFN<br>In stock: 77846 pcs<br>RFQ      |  | <b>MC9S08PT8VTG</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 16TSSOP<br>In stock: 58202 pcs<br>RFQ  |
|  | <b>MC9S08QB4CTG</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 4KB FLASH 16TSSOP<br>In stock: 41553 pcs<br>RFQ    |  | <b>MC9S08QA2CFQE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 2KB FLASH 8QFN<br>In stock: 59712 pcs<br>RFQ    |
|  | <b>MC9S08PT8VTJ</b><br>Manufacturers: NXP<br>Description: S08PT 8-BIT MCU S08 CORE 8KB F<br>In stock: 56748 pcs<br>RFQ   |  | <b>MC9S08PT8VLD</b><br>Manufacturers: NXP<br>Description: S08PT 8-BIT MCU S08 CORE 8KB F<br>In stock: 74328 pcs<br>RFQ |
|  | <b>MC9S08QA4CFQER</b><br>Manufacturers: NXP<br>Description: S08QA 8-BIT MCU S08 CORE 4KB F<br>In stock: 80721 pcs<br>RFQ |  | <b>MC9S08QA4CDNE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 4KB FLASH 8SOIC<br>In stock: 32093 pcs<br>RFQ   |
|  | <b>MC9S08PT8VWJ</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 8KB FLASH 20SOIC<br>In stock: 50406 pcs<br>RFQ     |  | <b>MC9S08QA2CDNE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 2KB FLASH 8SOIC<br>In stock: 34896 pcs<br>RFQ   |
|  | <b>MC9S08QB4CGK</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 4KB FLASH 24QFN<br>In stock: 60857 pcs<br>RFQ      |  | <b>MC9S08QA4CPAE</b><br>Manufacturers: NXP<br>Description: IC MCU 8BIT 4KB FLASH 8DIP<br>In stock: 43310 pcs<br>RFQ    |