

NXP USA Inc.

### MC56F8322VFAE

Part Number: MC56F8322VFAE  
 Manufacturer/Brand: NXP USA Inc.  
 Product description: IC MCU 16BIT 32KB FLASH 48LQFP  
 Datasheets:  
 RoHS Status: Lead free / RoHS Compliant  
 Stock Condition: 6592 pcs stock  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

#### Specifications of MC56F8322VFAE

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | MC56F8322VFAE  |
| MANUFACTURER                     | NXP USA Inc.   |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 48LQFP   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| QUANTITY AVAILABLE               | 6592 pcs   |
| DATA SHEET                       |  |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH  |
| VOLTAGE - BREAKDOWN              | 48-LQFP (7x7)  |
| SERIES                           | 56F8xxx  |
| ROHS STATUS                      | Tray   |
| REVERSE RECOVERY TIME (TRR)      | 60MHz  |
| REQUIRES                         | POR, PWM, Temp Sensor, WDT   |
| PROGRAM MEMORY TYPE              | 32KB (16K x 16)  |
| PROGRAM MEMORY SIZE              | CAN, SCI, SPI  |
| POLARIZATION                     | 48-LQFP  |
| OTHER NAMES                      | 935316577557   |
| OSCILLATOR TYPE                  | A/D 6x12b  |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)   |
| OPERATING SYSTEM                 | 56800E   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)  |
| MANUFACTURER PART NUMBER         | MC56F8322VFAE  |
| EXPANDED DESCRIPTION             | 56800E 56F8xxx Microcontroller IC 16-Bit 60MHz 32KB (16K x 16) FLASH 48-LQFP (7x7) |
| DESCRIPTION                      | IC MCU 16BIT 32KB FLASH 48LQFP   |
| DATA SRAM BYTES                  | -  |
| DATA CONVERTERS                  | 2.25 V ~ 3.6 V   |
| CORE SIZE                        | 6K x 16  |
| CONTROLLER SERIES                | Internal   |
| CONNECTIVITY                     | 16-Bit   |
| CLOCK RATE                       | 21   |

#### Related Tags

|                             |                                  |                         |
|-----------------------------|----------------------------------|-------------------------|
| MC56F8322VFAE               | MC56F8322VFAE Distributor        | MC56F8322VFAE Supplier  |
| MC56F8322VFAE Price         | MC56F8322VFAE Pictures           | MC56F8322VFAE Image     |
| MC56F8322VFAE PDF Datasheet | MC56F8322VFAE Download Datasheet | MC56F8322VFAE Datasheet |
| MC56F8322VFAE Stock         | Buy MC56F8322VFAE                | Buy MC56F8322VFAE       |
| MC56F8322VFAE               | Supplier                         | Distributor             |

#### Related Products

|  |  |  |   |
|--|--|--|---|
|  | <p><b>MC56F8323VFB60</b><br/>                 Manufacturers: NXP<br/>                 Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>                 In stock: 6664 pcs</p> <p><b>RFQ</b></p>  |  | <p><b>MC56F8323VFB60</b><br/>                 Manufacturers: NXP<br/>                 Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>                 In stock: 6476 pcs</p> <p><b>RFQ</b></p> |
|  | <p><b>MC56F82748VLHR</b><br/>                 Manufacturers: NXP<br/>                 Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>                 In stock: 22549 pcs</p> <p><b>RFQ</b></p> |  | <p><b>MC56F8323MFBE</b><br/>                 Manufacturers: NXP<br/>                 Description: IC MCU 16BIT 32KB FLASH 64LQFP<br/>                 In stock: 5372 pcs</p> <p><b>RFQ</b></p>  |
|  | <p><b>MC56F8323EVME</b><br/>                 Manufacturers: NXP<br/>                 Description: BOARD EVALUATION MC56F8323<br/>                 In stock: 243 pcs</p> <p><b>RFQ</b></p>        |  | <p><b>MC56F8322MFAE</b><br/>                 Manufacturers: NXP<br/>                 Description: IC MCU 16BIT 32KB FLASH 48LQFP<br/>                 In stock: 5663 pcs</p> <p><b>RFQ</b></p>  |
|  | <p><b>MC56F82748VLH</b><br/>                 Manufacturers: NXP<br/>                 Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>                 In stock: 13827 pcs</p> <p><b>RFQ</b></p>  |  | <p><b>MC56F82748MLHR</b><br/>                 Manufacturers: NXP<br/>                 Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>                 In stock: 2773 pcs</p> <p><b>RFQ</b></p> |
|  | <p><b>MC56F8322VFAER2</b><br/>                 Manufacturers: NXP<br/>                 Description: IC MCU 16BIT 32KB FLASH 48LQFP<br/>                 In stock: 9883 pcs</p> <p><b>RFQ</b></p> |  | <p><b>MC56F82748MLH</b><br/>                 Manufacturers: NXP<br/>                 Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>                 In stock: 5198 pcs</p> <p><b>RFQ</b></p>  |
|  | <p><b>MC56F8300DSK</b><br/>                 Manufacturers: NXP<br/>                 Description: KIT DEV STARTER 56F8300<br/>                 In stock: 5875 pcs</p> <p><b>RFQ</b></p>           |  | <p><b>MC56F8323EVM</b><br/>                 Manufacturers: NXP<br/>                 Description: KIT EVALUATION FOR MC56F8323<br/>                 In stock: 4448 pcs</p> <p><b>RFQ</b></p>     |