

MC68332ACAG25



Part Number: [MC68332ACAG25](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT ROMLESS 144LQFP

Data sheet:  [MC68332 User Manual](#)  
 [MC68332](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                       |                                  |                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MC68332ACAG25                                                         | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 32BIT ROMLESS 144LQFP                                          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3558 pcs                                                              | Data sheet                       | <a href="#">MC68332 User Manual</a><br><a href="#">MC68332</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage - Supply (Vcc/Vdd)       | 4.5 V ~ 5.5 V                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 144-LQFP (20x20)                                                      | Speed                            | 25MHz                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | M683xx                                                                | RAM Size                         | 2K x 8                                                         |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ROMless                                                               | Program Memory Size              | -                                                              |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | POR, PWM, WDT                                                         | Packaging                        | Tray                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 144-LQFP                                                              | Other Names                      | 935315697557                                                   |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Internal                                                              | Operating Temperature            | -40°C ~ 85°C (TA)                                              |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 15                                                                    | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                  |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                            | EEPROM Size                      | -                                                              |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CPU32 M683xx Microcontroller IC 32-Bit 25MHz ROMless 144-LQFP (20x20) | Data Converters                  | -                                                              |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 32-Bit                                                                | Core Processor                   | CPU32                                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | EBI/EMI, SCI, SPI, UART/USART                                         | Base Part Number                 | MC68332                                                        |
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