

KMC68360AI33L



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**Part Number:** [KMC68360AI33L](#)

**Manufacturer:** [NXP Semiconductors / Freescale](#)

**Description:** IC MPU M683XX 33MHZ 240FQFP

**Data sheet:**  [MC68360 Product Brief](#)  
 [MC68360 Fact Sheet](#)  
 [MC68360 User Manual](#)

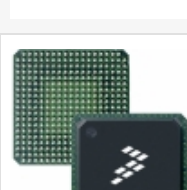
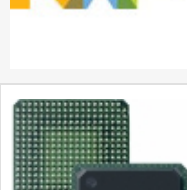
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                       |                                  |                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | KMC68360AI33L                                                         | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                                                     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MPU M683XX 33MHZ 240FQFP                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                                         |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1206 pcs                                                              | Data sheet                       | <a href="#">MC68360 Product Brief</a><br><a href="#">MC68360 Fact Sheet</a><br><a href="#">MC68360 User Manual</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                             | Voltage - I/O                    | 5.0V                                                                                                               |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                     | Supplier Device Package          | 240-FQFP (32x32)                                                                                                   |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 33MHz                                                                 | Series                           | M683xx                                                                                                             |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                                                     | SATA                             | -                                                                                                                  |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | DRAM                                                                  | Packaging                        | Tray                                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 240-BFQFP                                                             | Operating Temperature            | 0°C ~ 70°C (TA)                                                                                                    |
| Number of Cores/Bus Width                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 Core, 32-Bit                                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                                      |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                            | Graphics Acceleration            | No                                                                                                                 |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 10 Mbps (1)                                                           | Display & Interface Controllers  | -                                                                                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CPU32+ Microprocessor IC M683xx 1 Core, 32-Bit 33MHz 240-FQFP (32x32) | Core Processor                   | CPU32+                                                                                                             |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Communications; CPM                                                   | Base Part Number                 | MC68360                                                                                                            |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | SCC, SMC, SPI                                                         |                                  |                                                                                                                    |
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| RELATED PRODUCTS                                                                   |                                                                                     |                                                               |                     |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">KMC68LC302AF16CT</a><br>Description: IC MPU M683XX 16MHZ 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68302AG16VC</a><br>Description: IC MPU M683XX 16MHZ 144LQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68302EH25C</a><br>Description: IC MPU M683XX 25MHZ 132QFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68LC302AF25CT</a><br>Description: IC MPU M683XX 25MHZ 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68302AG25C</a><br>Description: IC MPU M683XX 25MHZ 144LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68360VR33L</a><br>Description: IC MPU M683XX 33MHZ 357BGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68MH360AI33L</a><br>Description: IC MPU M683XX 33MHZ 240FQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68EN360RC33L</a><br>Description: IC MPU M683XX 33MHZ 241PGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68EN302AG25BT</a><br>Description: IC MPU M683XX 25MHZ 144LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68302AG20C</a><br>Description: IC MPU M683XX 20MHZ 144LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68EN360ZQ25VL</a><br>Description: IC MPU M683XX 25MHZ 357BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68EN360CAI25L</a><br>Description: IC MPU M683XX 25MHZ 240FQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68EN360AI33L</a><br>Description: IC MPU M683XX 33MHZ 240FQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68360CAI25L</a><br>Description: IC MPU M683XX 25MHZ 240FQFP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68LC302AF20CT</a><br>Description: IC MPU M683XX 20MHZ 100LQFP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">KMC68302AG16C</a><br>Description: IC MPU M683XX 16MHZ 144LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
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