

NXP Semiconductors / Freescale

MPC8358ZQAGDGA

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8358ZQAGDGA                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC83XX 400MHZ 668BGA                                                                                         |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 3568 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MPC8358ZQAGDGA

|                                  |                                                                                   |
|----------------------------------|-----------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8358ZQAGDGA                                                                    |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                    |
| DESCRIPTION                      | IC MPU MPC83XX 400MHZ 668BGA                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                |
| QUANTITY AVAILABLE               | 3568 pcs                                                                          |
| DATA SHEET                       |                                                                                   |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                  |
| USB                              | USB 1.x (1)                                                                       |
| SUPPLIER DEVICE PACKAGE          | 668-PBGA-PGE (29x29)                                                              |
| SPEED                            | 400MHz                                                                            |
| SERIES                           | MPC83xx                                                                           |
| SECURITY FEATURES                | -                                                                                 |
| SATA                             | -                                                                                 |
| RAM CONTROLLERS                  | DDR, DDR2                                                                         |
| PACKAGING                        | Tray                                                                              |
| PACKAGE / CASE                   | 668-BBGA Exposed Pad                                                              |
| OTHER NAMES                      | 935317032557                                                                      |
| OPERATING TEMPERATURE            | 0°C ~ 105°C (TA)                                                                  |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                |
| GRAPHICS ACCELERATION            | No                                                                                |
| ETHERNET                         | 10/100/1000 Mbps (1)                                                              |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                 |
| DETAILED DESCRIPTION             | PowerPC e300 Microprocessor IC MPC83xx 1 Core, 32-Bit 400MHz 668-PBGA-PGE (29x29) |
| CORE PROCESSOR                   | PowerPC e300                                                                      |
| CO-PROCESSORS/DSP                | Communications; QUICC Engine                                                      |
| BASE PART NUMBER                 | MPC8358                                                                           |
| ADDITIONAL INTERFACES            | DUART, HDLC, I²C, PCI, SPI, UART                                                  |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MPC8358ZQAGDGA               | MPC8358ZQAGDGA Distributor        | MPC8358ZQAGDGA Supplier  |
| MPC8358ZQAGDGA Price         | MPC8358ZQAGDGA Pictures           | MPC8358ZQAGDGA Image     |
| MPC8358ZQAGDGA PDF Datasheet | MPC8358ZQAGDGA Download Datasheet | MPC8358ZQAGDGA Datasheet |
| MPC8358ZQAGDGA Stock         | Buy MPC8358ZQAGDGA                | Buy MPC8358ZQAGDGA       |
| MPC8358ZQAGDGA               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                          |                                                                                      |                                                                                                                                         |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MPC8360CVVAGDG</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 400MHZ 740TBGA<br/>In stock: 6898 pcs</p> <p>RFQ</p>  |  | <p><b>MPC8358ZUAGDG</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 400MHZ 740TBGA<br/>In stock: 4241 pcs</p> <p>RFQ</p>  |
|  | <p><b>MPC8358VVADDEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 740TBGA<br/>In stock: 1397 pcs</p> <p>RFQ</p>  |  | <p><b>MPC8358ZUADDE</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 740TBGA<br/>In stock: 6609 pcs</p> <p>RFQ</p>  |
|  | <p><b>MPC8360CVVAGDGA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 400MHZ 740TBGA<br/>In stock: 1066 pcs</p> <p>RFQ</p> |  | <p><b>MPC8358VVAGDGA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 400MHZ 740TBGA<br/>In stock: 1338 pcs</p> <p>RFQ</p> |
|  | <p><b>MPC8358ZUADDEA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 740TBGA<br/>In stock: 2700 pcs</p> <p>RFQ</p>  |  | <p><b>MPC8360CVVADDH</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 740TBGA<br/>In stock: 5245 pcs</p> <p>RFQ</p> |
|  | <p><b>MPC8358ZQADDDA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 668BGA<br/>In stock: 5431 pcs</p> <p>RFQ</p>   |  | <p><b>MPC8358ZQAGDDA</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 400MHZ 668BGA<br/>In stock: 3448 pcs</p> <p>RFQ</p>  |
|  | <p><b>MPC8358VVADDE</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 266MHZ 740TBGA<br/>In stock: 5860 pcs</p> <p>RFQ</p>   |  | <p><b>MPC8358VVAGDG</b></p> <p>Manufacturers: NXP<br/>Description: IC MPU MPC83XX 400MHZ 740TBGA<br/>In stock: 6162 pcs</p> <p>RFQ</p>  |