

NXP Semiconductors / Freescale

MPC8555ECPXALF

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8555ECPXALF                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MPU MPC85XX 667MHZ 783FCBGA                                                                                       |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 541 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MPC8555ECPXALF

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8555ECPXALF                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                 |
| DESCRIPTION                      | IC MPU MPC85XX 667MHZ 783FCBGA                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                             |
| QUANTITY AVAILABLE               | 541 pcs                                                                        |
| DATA SHEET                       |                                                                                |
| VOLTAGE - I/O                    | 2.5V, 3.3V                                                                     |
| USB                              | USB 2.0 (1)                                                                    |
| SUPPLIER DEVICE PACKAGE          | 783-FCBGA (29x29)                                                              |
| SPEED                            | 667MHz                                                                         |
| SERIES                           | MPC85xx                                                                        |
| SECURITY FEATURES                | Cryptography, Random Number Generator                                          |
| SATA                             | -                                                                              |
| RAM CONTROLLERS                  | DDR, SDRAM                                                                     |
| PACKAGING                        | Tray                                                                           |
| PACKAGE / CASE                   | 783-BBGA, FCBGA                                                                |
| OTHER NAMES                      | 935325241557                                                                   |
| OPERATING TEMPERATURE            | -40°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 (2)                                                           |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                              |
| DETAILED DESCRIPTION             | PowerPC e500 Microprocessor IC MPC85xx 1 Core, 32-Bit 667MHz 783-FCBGA (29x29) |
| CORE PROCESSOR                   | PowerPC e500                                                                   |
| CO-PROCESSORS/DSP                | Communications; CPM, Security; SEC                                             |
| BASE PART NUMBER                 | MPC8555                                                                        |
| ADDITIONAL INTERFACES            | DUART, I²C, PCI, SPI, TDM, UART                                                |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MPC8555ECPXALF               | MPC8555ECPXALF Distributor        | MPC8555ECPXALF Supplier  |
| MPC8555ECPXALF Price         | MPC8555ECPXALF Pictures           | MPC8555ECPXALF Image     |
| MPC8555ECPXALF PDF Datasheet | MPC8555ECPXALF Download Datasheet | MPC8555ECPXALF Datasheet |
| MPC8555ECPXALF Stock         | Buy MPC8555ECPXALF                | Buy MPC8555ECPXALF       |
| MPC8555ECPXALF               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                               |                                                                                      |                                                                                                                                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC8548VUATG</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA<br>In stock: 486 pcs<br><b>RFQ</b>   |  | <b>MPC8555EPXALF</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br>In stock: 598 pcs<br><b>RFQ</b>   |
|  | <b>MPC8555EPXAPF</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 833MHZ 783FCBGA<br>In stock: 485 pcs<br><b>RFQ</b>  |  | <b>MPC8555ECVTALF</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 667MHZ 783FCBGA<br>In stock: 529 pcs<br><b>RFQ</b>  |
|  | <b>MPC8555EPXAJD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 533MHZ 783FCBGA<br>In stock: 768 pcs<br><b>RFQ</b>  |  | <b>MPC8555ECVTAJD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 533MHZ 783FCBGA<br>In stock: 4005 pcs<br><b>RFQ</b> |
|  | <b>MPC8555CPXAJD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 533MHZ 783FCBGA<br>In stock: 624 pcs<br><b>RFQ</b>  |  | <b>MPC8555CVTAJD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 533MHZ 783FCBGA<br>In stock: 702 pcs<br><b>RFQ</b>   |
|  | <b>MPC8555CDS</b><br>Manufacturers: NXP<br>Description: BOARD EVALUATION CDS FOR 8555<br>In stock: 5443 pcs<br><b>RFQ</b>     |  | <b>MPC8555EPXAKE</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 600MHZ 783FCBGA<br>In stock: 5450 pcs<br><b>RFQ</b>  |
|  | <b>MPC8555ECPXAJD</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 533MHZ 783FCBGA<br>In stock: 594 pcs<br><b>RFQ</b> |  | <b>MPC8548VUAUJ</b><br>Manufacturers: NXP<br>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br>In stock: 5556 pcs<br><b>RFQ</b>   |