



NXP Semiconductors / Freescale

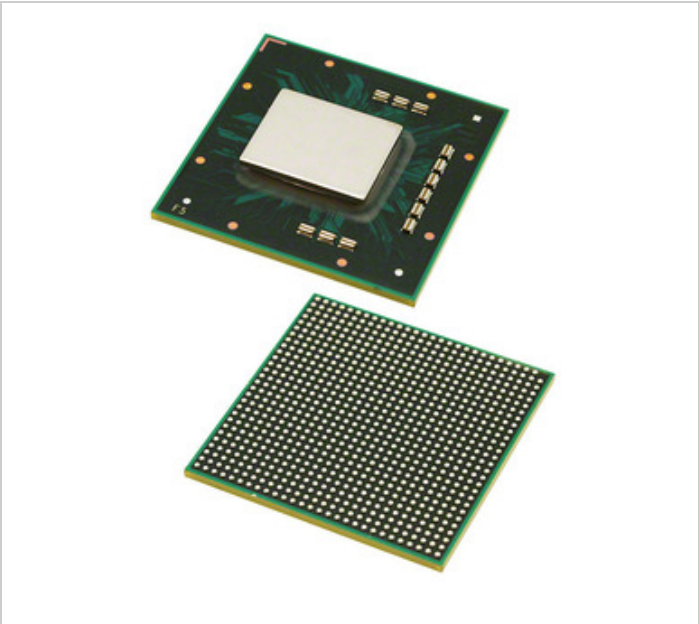


Image may be representation. See specifications for product details.

MPC8547ECVTAQGB

|                     |                                                                                                                                                                                                                                                                           |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC8547ECVTAQGB                                                                                                                                                                                                                                                           |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                                                                                                                                                                            |
| Product description | IC MPU MPC85XX 1.0GHZ 783FCBGA <div><div>PDF</div>1.MPC8547ECVTAQGB.pdf</div> <div><div>PDF</div>2.MPC8547ECVTAQGB.pdf</div> <div><div>PDF</div>3.MPC8547ECVTAQGB.pdf</div> <div><div>PDF</div>4.MPC8547ECVTAQGB.pdf</div> <div><div>PDF</div>5.MPC8547ECVTAQGB.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                           |
| RoHs Status         | <div><div>✓</div>Lead free / RoHS Compliant</div>                                                                                                                                                                                                                         |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                 |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

Specifications of MPC8547ECVTAQGB

|                                  |                                                                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MPC8547ECVTAQGB                                                                                                                                                                                                                            |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MPU MPC85XX 1.0GHZ 783FCBGA                                                                                                                                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                 |
| DATA SHEET                       | <div><div>PDF</div>1.MPC8547ECVTAQGB.pdf</div> <div><div>PDF</div>2.MPC8547ECVTAQGB.pdf</div> <div><div>PDF</div>3.MPC8547ECVTAQGB.pdf</div> <div><div>PDF</div>4.MPC8547ECVTAQGB.pdf</div> <div><div>PDF</div>5.MPC8547ECVTAQGB.pdf</div> |
| VOLTAGE - I/O                    | 1.8V, 2.5V, 3.3V                                                                                                                                                                                                                           |
| USB                              | -                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 783-FCBGA (29x29)                                                                                                                                                                                                                          |
| SPEED                            | 1.0GHz                                                                                                                                                                                                                                     |
| SERIES                           | MPC85xx                                                                                                                                                                                                                                    |
| SECURITY FEATURES                | Cryptography, Random Number Generator                                                                                                                                                                                                      |
| SATA                             | -                                                                                                                                                                                                                                          |
| RAM CONTROLLERS                  | DDR, DDR2, SDRAM                                                                                                                                                                                                                           |
| PACKAGING                        | Tray                                                                                                                                                                                                                                       |
| PACKAGE / CASE                   | 783-BBGA, FCBGA                                                                                                                                                                                                                            |
| 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   | Lead free / RoHS Compliant                                                                                                                                                                                                                 |
| GRAPHICS ACCELERATION            | No                                                                                                                                                                                                                                         |
| ETHERNET                         | 10/100/1000 Mbps (4)                                                                                                                                                                                                                       |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                                                                                                                                          |
| DETAILED DESCRIPTION             | PowerPC e500 Microprocessor IC MPC85xx 1 Core, 32-Bit 1.0GHz 783-FCBGA (29x29)                                                                                                                                                             |
| CORE PROCESSOR                   | PowerPC e500                                                                                                                                                                                                                               |
| CO-PROCESSORS/DSP                | Signal Processing; SPE, Security; SEC                                                                                                                                                                                                      |
| BASE PART NUMBER                 | MPC8547                                                                                                                                                                                                                                    |
| ADDITIONAL INTERFACES            | DUART, I²C, PCI, RapidIO                                                                                                                                                                                                                   |

Related Tags

|                                                |                                         |                                                    |
|------------------------------------------------|-----------------------------------------|----------------------------------------------------|
| NXP Semiconductors / Freescale MPC8547ECVTAQGB | MPC8547ECVTAQGB Distributor             | MPC8547ECVTAQGB Supplier                           |
| MPC8547ECVTAQGB Price                          | MPC8547ECVTAQGB Pictures                | MPC8547ECVTAQGB Image                              |
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| Freescale Semiconductor - NXP MPC8547ECVTAQGB  | NXP USA Inc. MPC8547ECVTAQGB            |                                                    |

Related Products

|                                                                                                                                                                                            |                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MPC8547EHXATG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MPC8547EHXAUJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>MPC8547ECVTAQGD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MPC8545VUAQG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MPC8547EPXAQGD</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>  | <div></div> <div><b>MPC8547ECPXAUJB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.333GHZ 783BGA<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MPC8545VUATG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.2GHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>MPC8547EHXAQG</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU MPC85XX 1.0GHZ 783FCBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
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