



NXP Semiconductors / Freescale

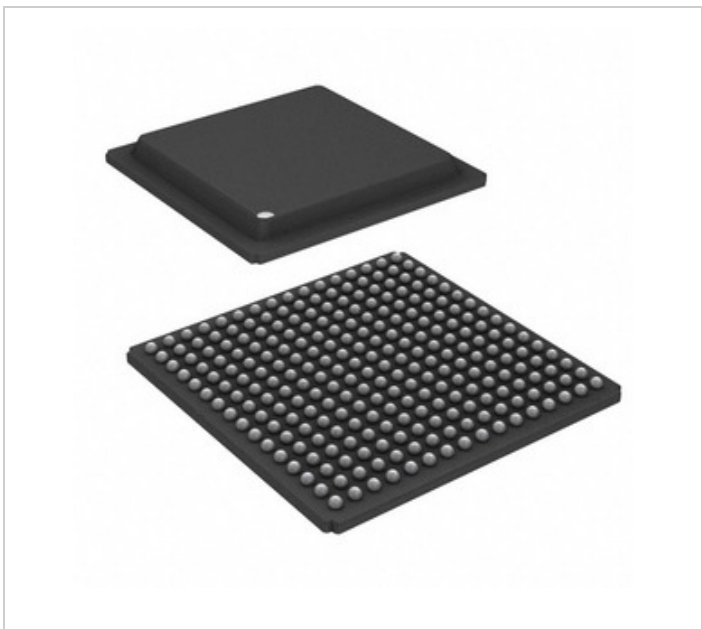


Image may be representation. See specifications for product details.

XPC823EVR66B2

|                     |                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | XPC823EVR66B2                                                                                                                                                                                                                                                                                                                                            |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                                                           |
| Product description | IC MPU MPC8XX 66MHZ 256BGA                                                                                                                                                                                                                                                                                                                               |
| Datasheets:         | <div>  1.XPC823EVR66B2.pdf </div> <div>  2.XPC823EVR66B2.pdf </div> <div>  3.XPC823EVR66B2.pdf </div> |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                    |

REQUEST FOR QUOTATION

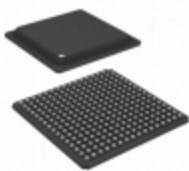
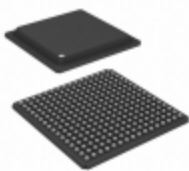
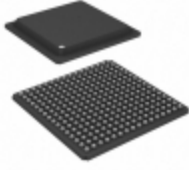
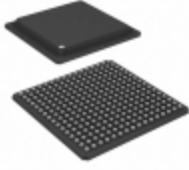
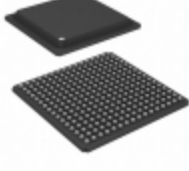
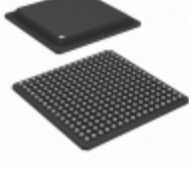
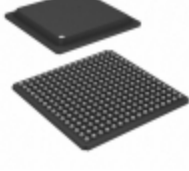
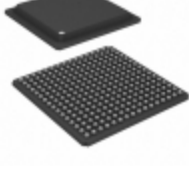
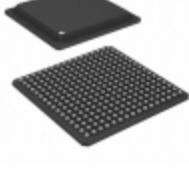
Specifications of XPC823EVR66B2

|                                  |                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XPC823EVR66B2                                                                                                                                                                                                                                                                                                                                                  |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                                                                                 |
| DESCRIPTION                      | IC MPU MPC8XX 66MHZ 256BGA                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                     |
| DATA SHEET                       | <div>  1.XPC823EVR66B2.pdf </div> <div>  2.XPC823EVR66B2.pdf </div> <div>  3.XPC823EVR66B2.pdf </div> |
| VOLTAGE - I/O                    | 3.3V                                                                                                                                                                                                                                                                                                                                                           |
| USB                              | USB 1.x (1)                                                                                                                                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 256-PBGA (23x23)                                                                                                                                                                                                                                                                                                                                               |
| SPEED                            | 66MHz                                                                                                                                                                                                                                                                                                                                                          |
| SERIES                           | MPC8xx                                                                                                                                                                                                                                                                                                                                                         |
| SECURITY FEATURES                | -                                                                                                                                                                                                                                                                                                                                                              |
| SATA                             | -                                                                                                                                                                                                                                                                                                                                                              |
| RAM CONTROLLERS                  | DRAM                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                           |
| PACKAGE / CASE                   | 256-BBGA                                                                                                                                                                                                                                                                                                                                                       |
| OPERATING TEMPERATURE            | 0°C ~ 95°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  | LCD, Video                                                                                                                                                                                                                                                                                                                                                     |
| DETAILED DESCRIPTION             | PowerPC Microprocessor IC MPC8xx 1 Core, 32-Bit 66MHz 256-PBGA (23x23)                                                                                                                                                                                                                                                                                         |
| CORE PROCESSOR                   | PowerPC                                                                                                                                                                                                                                                                                                                                                        |
| CO-PROCESSORS/DSP                | Communications; RISC CPM                                                                                                                                                                                                                                                                                                                                       |
| BASE PART NUMBER                 | PC823                                                                                                                                                                                                                                                                                                                                                          |
| ADDITIONAL INTERFACES            | I²C, SMC, SCC, SPI, UART                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                              |                                         |                                                  |
|----------------------------------------------|-----------------------------------------|--------------------------------------------------|
| NXP Semiconductors / Freescale XPC823EVR66B2 | XPC823EVR66B2 Distributor               | XPC823EVR66B2 Supplier                           |
| XPC823EVR66B2 Price                          | XPC823EVR66B2 Pictures                  | XPC823EVR66B2 Image                              |
| XPC823EVR66B2 PDF Datasheet                  | XPC823EVR66B2 Download Datasheet        | XPC823EVR66B2 Datasheet                          |
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| Freescale Semiconductor - NXP XPC823EVR66B2  | NXP USA Inc. XPC823EVR66B2              |                                                  |

Related Products

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| <div>  </div> <div> <b>XPC823ZT66B2T</b><br/> Manufacturers: NXP Semiconductors / Freescale<br/> Description: IC MPU MPC8XX 66MHZ 256BGA<br/> In stock: Out stock </div> <div> RFQ </div>             | <div>  </div> <div> <b>XPC823VR75B2T</b><br/> Manufacturers: NXP Semiconductors / Freescale<br/> Description: IC MPU MPC8XX 75MHZ 256BGA<br/> In stock: Out stock </div> <div> RFQ </div>              |
| <div>  </div> <div> <b>XPC823VR66B2T</b><br/> Manufacturers: NXP Semiconductors / Freescale<br/> Description: IC MPU MPC8XX 66MHZ 256BGA<br/> In stock: Out stock </div> <div> RFQ </div>             | <div>  </div> <div> <b>XPC823CVR66B2T</b><br/> Manufacturers: NXP Semiconductors / Freescale<br/> Description: IC MPU MPC8XX 66MHZ 256BGA<br/> In stock: Out stock </div> <div> RFQ </div>             |
| <div>  </div> <div> <b>XPC823ZT75B2T</b><br/> Manufacturers: NXP Semiconductors / Freescale<br/> Description: IC MPU MPC8XX 75MHZ 256BGA<br/> In stock: Out stock </div> <div> RFQ </div>             | <div>  </div> <div> <b>XPC60GBTH</b><br/> Manufacturers: Honeywell Sensing and Productivity Solutions<br/> Description: ASG TRANS XPC 60 PSIG 0.5% RB<br/> In stock: Out stock </div> <div> RFQ </div> |
| <div>  </div> <div> <b>XPC823VR81B2T</b><br/> Manufacturers: NXP Semiconductors / Freescale<br/> Description: IC MPU MPC8XX 81MHZ 256BGA<br/> In stock: Out stock </div> <div> RFQ </div>             | <div>  </div> <div> <b>XPC823ECVR66B2</b><br/> Manufacturers: NXP Semiconductors / Freescale<br/> Description: IC MPU MPC8XX 66MHZ 256BGA<br/> In stock: Out stock </div> <div> RFQ </div>             |
| <div>  </div> <div> <b>XPC823CZT66B2T</b><br/> Manufacturers: NXP Semiconductors / Freescale<br/> Description: IC MPU MPC8XX 66MHZ 256BGA<br/> In stock: Out stock </div> <div> RFQ </div>            | <div>  </div> <div> <b>XPC823EVR75B2</b><br/> Manufacturers: NXP Semiconductors / Freescale<br/> Description: IC MPU MPC8XX 75MHZ 256BGA<br/> In stock: Out stock </div> <div> RFQ </div>              |
| <div>  </div> <div> <b>XPC60GTC</b><br/> Manufacturers: Honeywell Sensing and Productivity Solutions<br/> Description: ASG TRANS XPC 60 PSIG 1.0% RF<br/> In stock: Out stock </div> <div> RFQ </div> | <div>  </div> <div> <b>XPC60DTH</b><br/> Manufacturers: Honeywell Sensing and Productivity Solutions<br/> Description: XPC DIFF GAUGE VACCUM GAUGE<br/> In stock: Out stock </div> <div> RFQ </div>    |