

NXP Semiconductors / Freescale

MPC5123YVY400B

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MPC5123YVY400B                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT ROMLESS 516FPBGA                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 1825 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

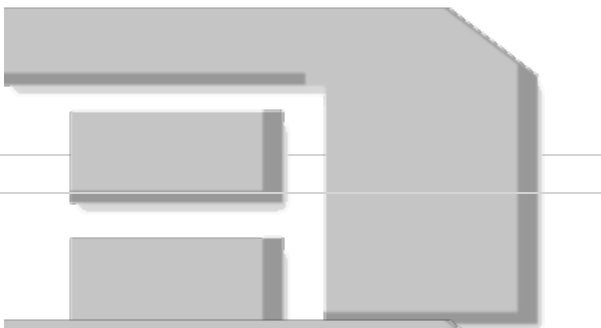
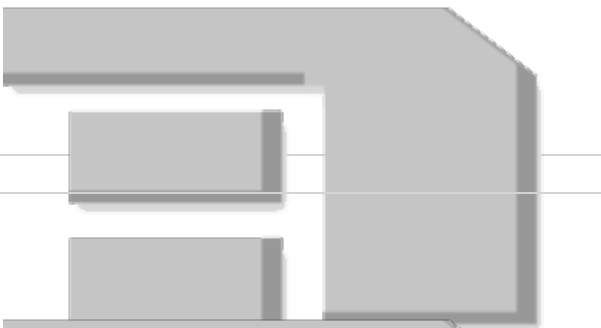
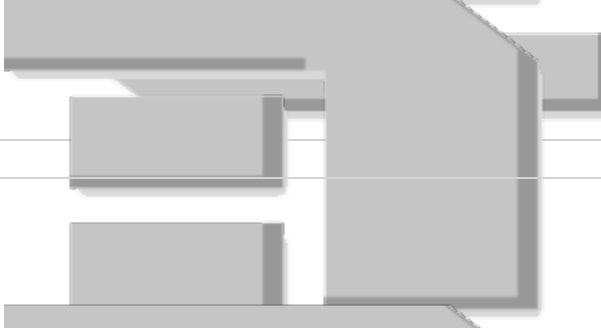
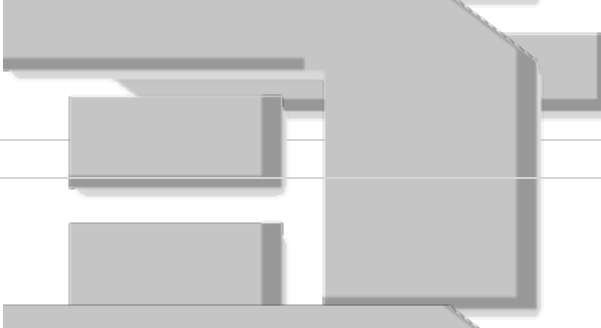
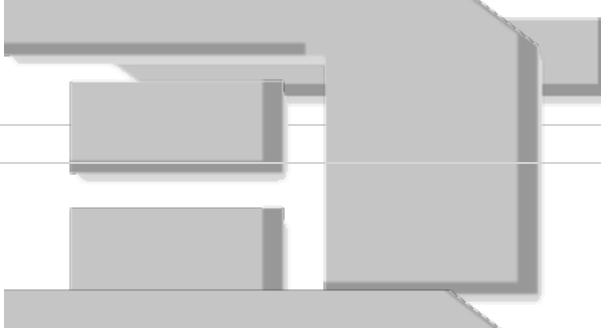
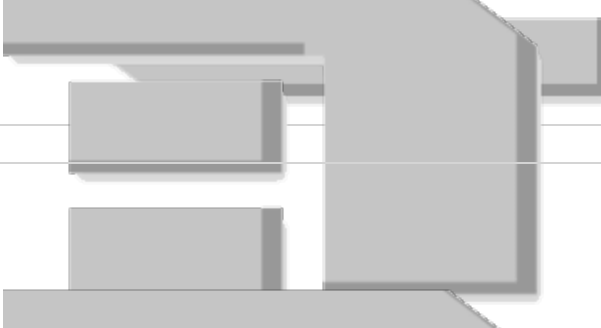
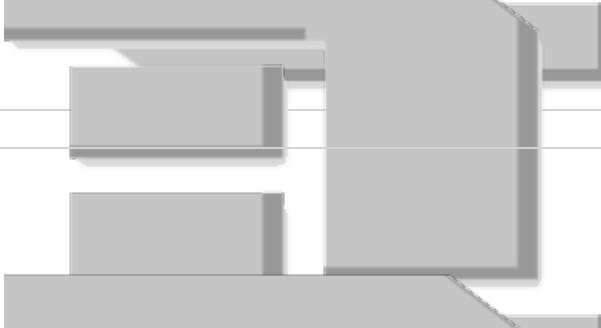
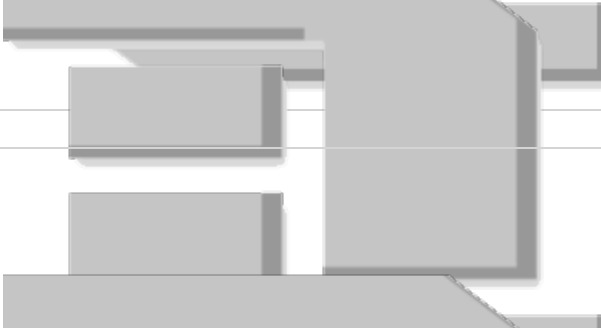
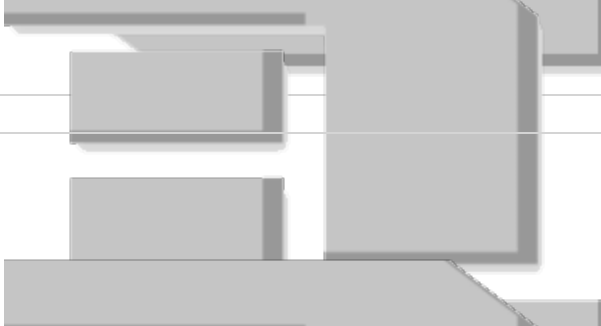
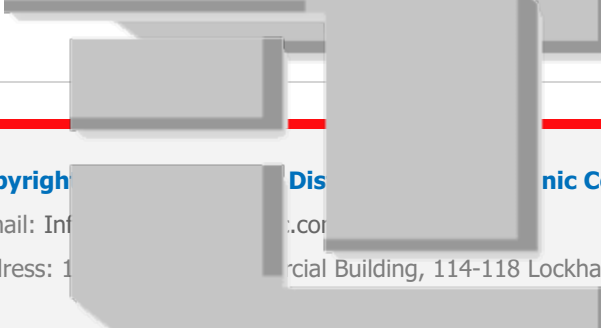
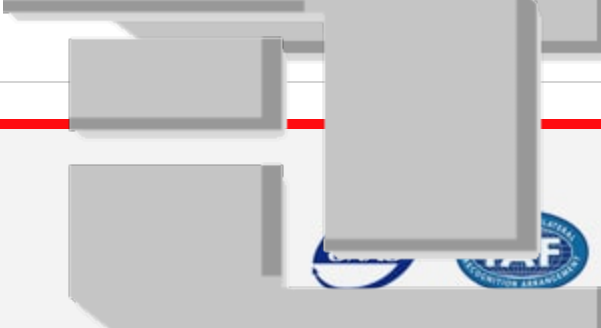
Specifications of MPC5123YVY400B

|                                  |                                                                         |
|----------------------------------|-------------------------------------------------------------------------|
| PART NUMBER                      | MPC5123YVY400B                                                          |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                          |
| DESCRIPTION                      | IC MCU 32BIT ROMLESS 516FPBGA                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                              |
| QUANTITY AVAILABLE               | 1825 pcs                                                                |
| DATA SHEET                       |                                                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.08 V ~ 3.6 V                                                          |
| SUPPLIER DEVICE PACKAGE          | 516-FPBGA (27x27)                                                       |
| SPEED                            | 400MHz                                                                  |
| SERIES                           | MPC5123                                                                 |
| RAM SIZE                         | 128K x 8                                                                |
| PROGRAM MEMORY TYPE              | ROMless                                                                 |
| PROGRAM MEMORY SIZE              | -                                                                       |
| PERIPHERALS                      | DMA, WDT                                                                |
| PACKAGING                        | Tray                                                                    |
| PACKAGE / CASE                   | 516-BBGA                                                                |
| OTHER NAMES                      | 935318945557                                                            |
| OSCILLATOR TYPE                  | External                                                                |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                       |
| NUMBER OF I/O                    | 147                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                              |
| EEPROM SIZE                      | -                                                                       |
| DETAILED DESCRIPTION             | e300 MPC5123 Microcontroller IC 32-Bit 400MHz ROMless 516-FPBGA (27x27) |
| DATA CONVERTERS                  | -                                                                       |
| CORE SIZE                        | 32-Bit                                                                  |
| CORE PROCESSOR                   | e300                                                                    |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, USB OTG                                 |
| BASE PART NUMBER                 | MPC5123                                                                 |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| MPC5123YVY400B               | MPC5123YVY400B Distributor        | MPC5123YVY400B Supplier  |
| MPC5123YVY400B Price         | MPC5123YVY400B Pictures           | MPC5123YVY400B Image     |
| MPC5123YVY400B PDF Datasheet | MPC5123YVY400B Download Datasheet | MPC5123YVY400B Datasheet |
| MPC5123YVY400B Stock         | Buy MPC5123YVY400B                | Buy MPC5123YVY400B       |
| MPC5123YVY400B               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                |                                                                                      |                                                                                                                               |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MPC509AU/1KG4</b><br>Manufacturers: N/A<br>Description: IC MULTIPLEXER DUAL 1X4 16SOIC<br>In stock: 15620 pcs<br><b>RFQ</b> |  | <b>MPC5125YVN400</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 324TEPBGA<br>In stock: 3471 pcs<br><b>RFQ</b> |
|  | <b>MPC5200CVR266</b><br>Manufacturers: NXP<br>Description: IC MPU MPC52XX 266MHZ 272BGA<br>In stock: 2053 pcs<br><b>RFQ</b>    |  | <b>MPC509AUG4</b><br>Manufacturers: N/A<br>Description: IC MULTIPLEXER DUAL 1X4 16SOIC<br>In stock: 9185 pcs<br><b>RFQ</b>    |
|  | <b>MPC5121YVY400B</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 516FPBGA<br>In stock: 1766 pcs<br><b>RFQ</b>  |  | <b>MPC5200BV400</b><br>Manufacturers: NXP<br>Description: IC MPU MPC52XX 400MHZ 272BGA<br>In stock: 2327 pcs<br><b>RFQ</b>    |
|  | <b>MPC5121VY400B</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 516FPBGA<br>In stock: 3800 pcs<br><b>RFQ</b>   |  | <b>MPC5123VY400B</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 516FPBGA<br>In stock: 3217 pcs<br><b>RFQ</b>  |
|  | <b>MPC5200CBV400</b><br>Manufacturers: NXP<br>Description: IC MPU MPC52XX 400MHZ 272BGA<br>In stock: 2294 pcs<br><b>RFQ</b>    |  | <b>MPC509AU/1K</b><br>Manufacturers: N/A<br>Description: IC MULTIPLEXER DUAL 1X4 16SOIC<br>In stock: 11401 pcs<br><b>RFQ</b>  |
|  | <b>MPC5125YVN400R</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT ROMLESS 324TEPBGA<br>In stock: 5042 pcs<br><b>RFQ</b> |  | <b>MPC5200CBV266</b><br>Manufacturers: NXP<br>Description: IC MPU MPC52XX 266MHZ 272BGA<br>In stock: 6193 pcs<br><b>RFQ</b>   |