The µPD720200 is the Universal Serial Bus 3.0 host controller, based upon Universal Serial Bus 3.0 Specification, and Intel's eXtensible Host Controller Interface (xHCI).

The µPD720200 has PCI Express® bus interface, and it is applicable for PCI Express solution for host PC system. The µPD720200 works up to 5 Gbps for data transfer when connecting to USB 3.0 compliant peripherals, while maintaining compatibility with existing USB peripheral devices.

**FEATURES**

- Based upon Universal Serial Bus 3.0 specification Revision 1.0, which is released by USB Implementers Forum, Inc
  - Supports the following speed data rate as follows; Low-speed (1.5 Mbps) / Full-speed (12 Mbps) / High-speed (480 Mbps) / Super-speed (5 Gbps)
  - Supports 2 downstream ports for all speeds
  - Supports all USB compliant data transfer type as follows; Control / Bulk / Interrupt / Isochronous transfer
- Based upon Intel’s eXtensible Host Controller Interface (xHCI) Specification revision 0.95
- Support USB legacy function
- Based upon PCI Express Base Specification 2.0
- Supports ExpressCard™ Standard Release 1.0
- Supports PCI Express Card Electromechanical Specification Revision 2.0
- Supports PCI Bus Power Management Interface Specification revision 1.2
  - Operational registers are direct-mapped to PCI memory space
  - Supports Serial Peripheral Interface (SPI) type ROM
  - System clock: 24 MHz crystal or 48 MHz external clock.
  - 3.3 V and 1.05 V power supply

**BLOCK DIAGRAM**
PACKAGE
• 176-pin plastic FBGA (10 x 10 mm, 0.65 mm ball pitch)

APPLICATION
• Desktop / Laptop PC
• PCI Express card / ExpressCard
• Docking Station
• Server

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