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Product Specifications of the μ PD720115 USB 2.0 Hub Controller

Renesas Electronics Announces USB 2.0 Hub Controller Chip with Battery Charging Function

- Compliant with Universal Serial Bus Specification Revision 2.0, which is released by USB Implementers Forum, Inc.
 - Low-speed (1.5 Mbps) / Full-speed (12 Mbps) / High-speed (480 Mbps)
 - Supporting USB 2.0 Link Power Management
- Supports USB Battery Charging Specification Revision 1.2 and other portable devices
- Configurable downstream port counts of 2,3, or 4 ports.
- Supports Individual/Gang power control/over-current detection
- Supports USB 2.0 Compound (non-removal) devices by I/O pin strapping
- Single 5 V power supply, on-chip LDO for 3.3 V from 5 V and 1.05 V from 3.3 V
- System clock: 24 MHz Crystal or Oscillator
- Supports 24 MHz clock output from non-removal device on downstream port
- Small footprint using small QFN package (40-pin QFN)