

Glossary U

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UART

Universal **A**synchronous **R**eceiver / **T**ransmitter

Unregulated power supply

A Power Supply Unit (PSU) in which there is no controlled stabilisation of the voltage output applied electronically. The voltage supplied by a loaded PSU is therefore lower than one which has no load connected due to the increase in output current having a variety of effects, principally through impedance or resistance in the PSU components.

USB

The shorthand term used to denote a standard Universal Serial Bus developed to allow the interconnection of many peripheral devices such as mice, keyboards, joysticks, scanners etc., to a computer such as IBM compatible and Apple PCs. Developed by collaboration amongst leading companies in the computer and electronics industry, the specifications are standardized by the USB Implementers Forum (USB-IF). Most USB interfaces today are USB type 1, 2 or 3. Higher values are faster. USB 3 has recently become more readily available and offers speeds up to 5Gbps.

USB interface include at least two data lines and two power lines. This allows not only data transfer but a power connection for a device plugged into the USB port.

<http://www.usb.org>

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