

ABSTRACT

USB or Universal Serial Bus is a peripheral of communications providing a big bandwidth delivery data and speed of delivery of data until 480 Mbps. Speed transferring data on USB consist of Low-Speed (1,5 Mbps), Full-Speed (12 Mbps) and High-Speed (480 Mbps).

USB can connect various type of connection, from analog system until digital system. Application using USB is variety, on of the example is Flash Disk. With the existence of flash disk , user progressively watered down and pampered with larger ones data capacities compared to is depository of conventional data (disket), and earn connected direct through to computer (play and plug). Besides with small size measure desain, flash disk can be brought everywhere (mobile device). So if user wish to saving, taking and copying data from computer and or also between flash disk it can be easily conducted. However, if user wish to saving, taking and copying data between disk flash, required peripheral of host to arrange and control transfer of data between flash disk, this peripheral none other than computer. Otherwise if there is no computer hence process transfer of data between disk flash will not happened.

At this final duty will be realized and designed a peripheral used for the transfer of data or copying data between slave (flash disk) using communications of USB unassisted of computer. USB standard specification which is used at this peripheral is USB 1.0 or 1.1 with speed of delivery of data equal to 1,5 Mbps or 12 Mbps.