DESIGN OF USB REPEATER

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Abstract

As the USB technology continues its growth, there is an increasing need for devices to be put further away from the computer than allowed by the maximum cable length of 5 meters. Wireless technology efficient enough for USB applications is not available yet. Therefore, there is still a reliance on USB cables and USB repeaters or hubs. This paper is an attempt to design a USB repeater and to explore the potential of integrating a wireless link into it.