

DESIGN OF USB REPEATER

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Abstract

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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.