

WIRELESS DISPLAY USING ZIGBEE

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ABSTRACT

Wireless notice board using ZigBee is designed for applications such as displaying information at public places. Today in the fast life ZigBee is helping people to control various activities happening around them by saving energy and increasing the safety of where they live, work and play. The various reasons for using ZigBee are that apart from it being low-cost and low-power sensor, its standards-based wireless technology are designed in such a way to address the unique technology. The basic working of the project is to develop wireless free notice board which displays messages when sent from the PC within a certain range. For this purpose we use an XBee explorer which receives and retrieve data from the PC and sends it to ATMEGA16 who displays it on the Graphic LCD. The range of around 300-400m can be obtained.

KEYWORDS: ATMEGA16, Graphic LCD, XBEE, ZigBee