

ZIGBEE TECHNOLOGY

ZigBee is one of the most widely used transceiver standards in wireless sensor networks. Zigbee wireless communication technology is a kind of newly arisen wireless network technology. The characteristics are short distance communication, low speed, low power dissipation, and low cost. It, application of Zigbee wireless communication technology makes that inconvenient wire repeat can be avoided in the area of home, factory, hospital, etc. With the rapid development of the IT industry and the strong functional expansion of SCM, Zigbee wireless communication technology will play an important role in wireless sensor networks. ZigBee is a low-cost, low-power, wireless mesh networking standard. The low cost allows the technology to be widely deployed in wireless control and monitoring applications, the low power-usage allows longer life with smaller batteries, and the mesh networking provides high reliability and larger range.

K.MADHAVI
CSE-2
18261A0583