

ABSTRACT

CDMA (*Code Division Multiple Access*) technology is a technology that allowed many users to access the information at the same time and frequency. This Final Project consist of design and realization DSSS-CDMA (*Direct Sequence Spread Spectrum-Code Division Multiple Access*) practice kit. *Direct Sequence Spread Spectrum* communication system has a spread bandwidth signal. It makes the information will be free from interference, jamming, and multipath.

BPSK (*Binary Phase Shift Keying*) modulation is used in this DSSS-CDMA practice kit. The practice kit consists of three users which are differed by certain code. The synchronization in receiver is assumed perfectly. So, the information which are transmitted can be found in the receiver.