



Software program windows:

Simtel Digital communication is a handy module which assist user to understand concepts of digital communication. It simplifies the distinction between Analog & Digital Communication.

Topics Covered:

- Signals basics
- Sampling & Reconstruction
- Time Division Multiplexing
- Pulse Code Modulation / Demodulation
- Linear / Adaptive Modulation
- Line Coding and Data Formatting: Unipolar NRZ-L, Unipolar NRZ-M, Unipolar RZ, Polar NRZ-L, Polar NRZ-M, Polar RZ, Polar Manchester, Biphasic Manchester, Differential Manchester, Bipolar NRZ-L, Bipolar RZ, Bipolar RB, Bipolar AMI
- Carrier Modulation Techniques: ASK, FSK, PSK, DPSK
- Advanced Digital Modulation Techniques: QPSK, DQPSK, OQPSK, Pi/4 QPSK, 8-QAM, 16-QAM, MSK Modulation

