

Product Name :
Digital Communication Training System for VLSI Design Training
Systems Teaching Labs

Product Code :
VLS-TR-10



Description :

Digital Communication Training System is an ideal solution to bridge the gap between theoretical studies and practical working. Using this training system student will be able to understand step by step journey of communication system.

All major blocks required in Digital Communication blocks are covered and test points are provided for each step.

Inbuilt Mixed Signal Oscilloscope-MSO [CH1+ CH2 + LA (8CH)] with 5.7 TFT Graphical LCD gives a freedom of test & measurement instrument and Data Acquisition Card.

- Digital Communication Training System is based on VLSI and DSP platform
- In-build internal data generator : 256 Bit
- Type of Encoding & Decoding: 1bit, 2bit, 3bit, 4bit
- Type of Modulations & Demodulations: ASK, FSK, BPSK, DBPSK, QPSK, DQPSK, p/4QPSK, OQPSK, M-ary ASK, M-ary FSK, MSK, 8-PSK, 8-QAM, 16-PSK, 16-QAM,
- Constellation (Vector) pattern for respective modulation
- Large 5.7" Touch Panel TFT Graphical LCD for Graphical User interfaces
- In-build Mixed Signal Oscilloscope (2CH Analog + 8CH Digital) for real-time signal analysis
- Training System has more than 30 test points which will help students to observe the signal on Oscilloscope and Logic Analyzer also
- PC to PC interface with interactive messaging software
- More than 40 experiments can be performed

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