

Product Name :
LED TV Trainer Board

Product Code :
NLAB-ELECTRONICSAB210003



Description :

LED TV Trainer Board

Technical Specification :

LCD/LED Colour TV Trainer is an ideal training equipment to teach the operation of LCD/LED colour TV receivers. The complete Block of LCD/LED TV Receiver is printed on single PCB for easy understanding of function of different blocks. Test points allow the analysis and monitoring of the signals in different sections. By using the fault simulation method, it is possible to introduce the most common breakdown and their rectification.

Experiments That Can Be Performed:

To Study Specifications of HDTV.

To Study the Block Diagram and working principle

To Study Input/output signals of different sections

To Study Complete circuit with different sections

To Study Remote Section

To understand/observe the function of external and Internal controls

To measure Test Point Voltages for different sections.

To observe Test Point Waveforms for different sections

To measure Video and Audio gain (sensitivity) with Pattern Generator

To demonstrate and understand different types of faults

To study faults diagnosis method

To study ICs used inHDTV

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