



Sciencetech DB100 Eight Channel Digital Signal Analyzer is a compact, ready to use 8 channel digital signal analyzer data acquisition board. This board is useful for students to acquire, observe and to examine the digital signals on Personal Computer.

Sciencetech Digital Electronics Experiment Boards are designed as a comprehensive Modular solution for beginners to explore the fundamentals of a variety of basic building blocks in Digital Electronics. The boards are very user friendly and support self learning through flexibility of making circuit connections. Logic diagrams on the boards provide easy understating of the concepts. Test points are provided to observe the waveforms/ signals and to measure voltages at different nodes. The boards can be used as standalone unit with external DC Power Supply and logic data switches, or can be used with Sciencetech Digital Labs; Sciencetech 2611/Sciencetech 2614. These labs have built in DC Power Supplies, Pulse Generator, Pulser Switches, Data Switches, Logic Probe, Digital Display, TTL/CMOS Mode Selector, and LED Display. Product Tutorial with theory, description, explanation, procedure, references and results is available online on www.SciencetechLearning.com .

Features

- ▶ Acquisition from 8 digital input channels
- ▶ High speed sampling up to 1MHz
- ▶ TTL compatible
- ▶ Display mode:
 - Continuous mode
 - Single shot mode
 - X-Y mode
- ▶ Facility to storage, loading, printing of acquired waveforms from 8 digital input channels
- ▶ Data input method to computer through parallel port.
- ▶ Data acquisition software for analyzing signals

Scope of Learning

- Useful to acquire, observe & to examine the digital signals on Personal Computer

Optional

- Simtel Digital Electronics Software

Online Product Tutorial

