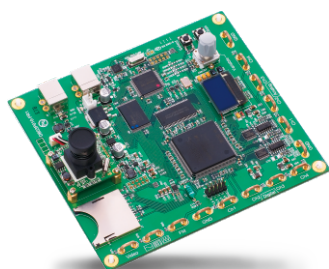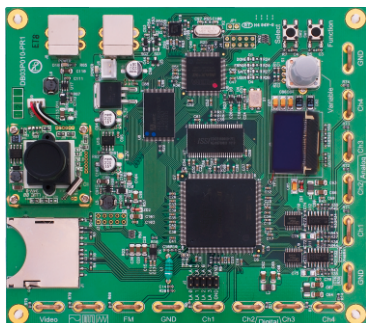# Oscilloscope Education And Training Kit

GDB-03

The GDB-03 training kit allows you to learn both the basic and the advanced functions of the GDS-3000 Series Digital Storage Oscilloscope (DSO). Following the training procedures of this training kit, you will quickly understand the basic operations of a DSO, and the unique features of the GDS-3000 Series, which represents a typical hi-tech DSO today.

The training kit is a signal generator board capable of producing waveforms, which contain various real-life scenarios you might encounter. With the GDB-03 training kit and the included curriculums, you are able to acquire adequate knowledge in using a DSO with advanced features.

SPECIFICATIONS	
SIGNAL OUTPUT	
	The GDB-003 provides 3 types of serial bus signals, 9 basic and 18 advanced oscilloscope training signals
BASIC OSCILLOSCOPE TRAINING	
	Lab 1 Connect and view a waveform
	Lab 2 Compensate the probe (1kHz square wave)
	Lab 3 Adjust waveform scale and position (square wave)
	Lab 4 Measure the waveform by manual (square wave ; frequency counter, cursor measure)
	Lab 5 Automatic measurement (GDB-03 including noise function ; auto measure, cursor getting measure)
	Lab 6 VPO (VPO signal, color, gray mode)
	Lab 7 Autoset function (Fit screen, AC priority)
	Lab 8 Automatic range
	Lab 9 Save data using hardcopy function
ADVANCE OSCILLOSCOPE TRAINING	
	Lab 1 Automatic measurement (gating measurement)
	Lab 2 Using peak detect mode
	Lab 3 Low speed signal measurement
	Lab 4 Noisy signal measurement
	Lab 5 Using zoom timebase function
	Lab 6 Transient signal measurement
	Lab 7 Lissajous waveform & phase measurement
	Lab 8 Runt trigger
	Lab 9 Video trigger
	Lab 10 Rise & Fall trigger
	Lab 11 Pulse width trigger
	Lab 12 Hold off function
	Lab 13 Split window 1
	Lab 14 Split window 2
	Lab 15 UART signal
	Lab 16 I^2C signal
	Lab 17 SPI signal
POWER SUPPLY	
	5V DC, USB or auxiliary power input

ORDERING INFORMATION

GDB-03   Oscilloscope Education And Training Kit

ACCESSORIES :
CD x 1
Singnal demo board with instructions
GTL-246 USB 2.0 A-B Type cable