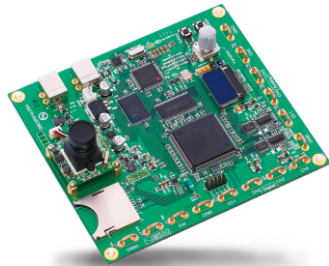
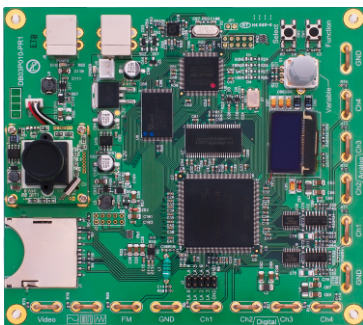


# Oscilloscope Education And Training Kit



**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	
<b>SIGNAL OUTPUT</b>	
	The GDB-003 provides 3 types of serial bus signals, 9 basic and 18 advanced oscilloscope training signals
<b>BASIC OSCILLOSCOPE TRAINING</b>	
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
<b>ADVANCE OSCILLOSCOPE TRAINING</b>	
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 <sup>2</sup> C signal
Lab 17	SPI signal
<b>POWER SUPPLY</b>	
	5V DC, USB or auxiliary power input

ORDERING INFORMATION	
<b>GDB-03</b>	Oscilloscope Education And Training Kit
ACCESSORIES :	
CD x 1	
Signal demo board with instructions	
GTL-246 USB 2.0 A-B Type cable	