32/16 CHANNEL 200MHz PC BASED LOGIC ANALYZER

GLA-1000 Series

CE USB PC Software

FEATURES

* 32/16 Input Channel
* Time Analysis : Up to 200MHz Internal Sampling Rate
* State Analysis : Up to 100MHz External Input Clock
* Memory Depth : Up to 2Mbits/1Mbits (Half/Full Channels)
* Advanced Trigger : Count, Page, Time Delay and Clock Event Delay
* Data Compression : Up to 255 Times Data Capture
* Enable Qualifier : High/Low Level Enable and Enable Delay Function
* Signal Analyzer : I^2C , RS-232C Protocol Analyzer and Signal Statistics
* File Export : Signal Data, Operation Setting and Display Image
* Manual Trigger Start Button
* High-Speed Communication : USB 2.0 (1.1 Compatible)
* USB Powered, Without External AC Power

The GLA-1000 Series is a palm-sized PC based logic analyzer with functionality matching that of a desktop device. A maximum 32 channels, 32Mbits of data memory (GLA-1032), a 200MHz internal sampling rate and advanced trigger settings provide high accuracy and lengthy data analysis results. Features such as Data-loss-less compression, Enable Qualifier and Serial Bus Protocol Analyzer provide you with a tool to adequately analyze today's complex digital systems. All data and configurations can be saved into a PC for further data analysis. The GLA-1000 Series operates over a high speed USB 2.0 connection and is fully powered by the USB bus.

SPECIFICATIONS

	GLA-1016	GLA-1032	GLA-1132
CHANNELS			
	16	32	32
MEMORY TOTAL/PER CHANNEL			
	4Mbits/256kbits	4Mbits/128kbits	32Mbits/1Mbits
INTERFACE			
	USB 2.0 (1.1)		
OPERATING SYSTEM			
	Win98/98SE/Me/2000/XP		
TIMING ANALYSIS			
	Maximum 200MHz		
STATE ANALYSIS			
	0.001Hz ~ 100MHz		
TRIGGER			
Channel	16	32	32
Condition	Edge/Pattern		
Pre/Post trigger	0%~100%		
Level	1		
Threshold	+6V ~ -6V		
Accuracy	93mV		
Delay	Time delay, clock event delay		
Count	1 ~ 65535		
Page	Maximum 8191		
INPUT			
Maximum Input Voltage	30V		
Impedance	500k /10pF		
Data Skew	< 1.5ns		
ENABLE QUALIFIER			
Channel	16	32	32
Enable Condition	Don't care, Low, High		
Enable Delay	1~65535ms		
DATA			
Compression Channels	16	24	24
Compression Ratio	Maximum 255		
Signal Statistics	Postive/Negative, Full cycle within length condition		
Protocol Analyzer	I^2C, RS-232C		
CURRENT CONSUMPTION			
Static	Maximum 200mA		
Working	Maximum 400mA		
POWER DISSIPATION			
Static	Maximum 1W		
Working	Maximum 2W		
POWER			
Interface	USB		
Working voltage	4.5V ~ 5.5V		
DIMENSION & WEIGHT			
137(W) x 39(H) x 102(D) mm ; Approx. 340g			

ORDERING INFORMATION

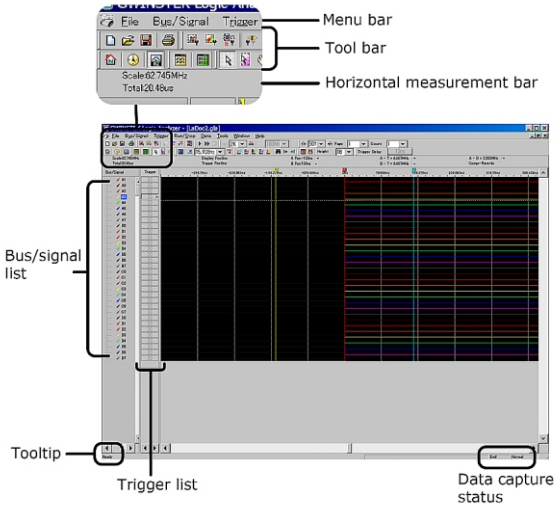
GLA-1016 16 Channels, 256Kbit/Channel
GLA-1032 32 Channels, 128Kbit/Channel
GLA-1132 32 Channels, 1Mbit/Channel (Long Memory)

ACCESSORIES :
User manual x 1 , Carrying Case , Software CD-ROM
Probe - **GTL-161** : 16 channel Testing probe x 1 for GTL-1016
Probe - **GTL-161** : 16 channel Testing probe x 2 for GTL-1032/ 1132
Testing Gripper - **GCP-201** x 1 : 20pcs. signal grippers for GLA-1016
Testing Gripper - **GCP-201** x 2 : 40pcs. signal grippers for GLA-1032/ 1132
USB Cable - **GTL-242** : USB cable (USB 2.0 Type A - Type B, 4P) x 1

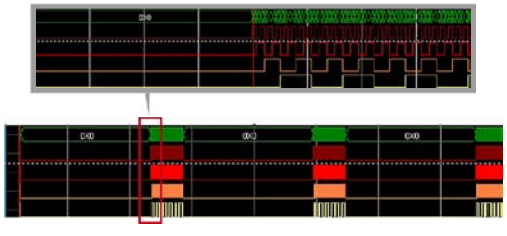
FREE DOWNLOAD

PC Software

A. USER-FRIENDLY PC OPERATION WITH GUI ENVIRONMENT

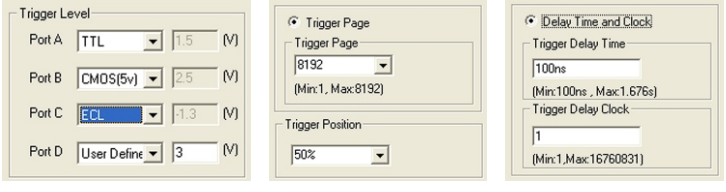


B. LOSSESS DATA COMPRESSION



Up to x 255 Memory Utilization

C. ADVANCED TRIGGER FUNCTIONALITIES



Level Configuration, Count/Page Delay, Time and Clock Event Delay

GTL-161 Testing Probes

16 channel, 25cm (8pin x 2, 2pin x 1, 1pin x 1)
For : GLA-1016

GCP-201 Testing Gripper

20 pcs. signal grippers
For : GLA-1016/1032/1132