LA1016 Logic Analyzer

LA1016 is a high-performance logic analyzer with 16 channels and 100M sampling rate

Description

LA1016 is a high-performance logic analyzer with 16 channels and 100M sampling rate. It is composed of two parts: software on personal computer and hardware equipment. It has the advantages of high sampling rate, large sampling depth, easy to use, etc.

LA1016 can sample 16 digital signal at same time. Then the sampled data can be displayed, analyzed, exported and saved on the computer. Software can also decode the data if it conform to the standard protocol of the software supported. Then the decoded data can be displayed, exported and saved.

Features:

- Portable and lightweight
- 100M sampling rate @ full channels
- Large sampling depth and support compression
- The built-in PWM generator
- Compatible USB2.0/3.0 interface
- Powerful software and easy to use

- Support online upgrade automatically
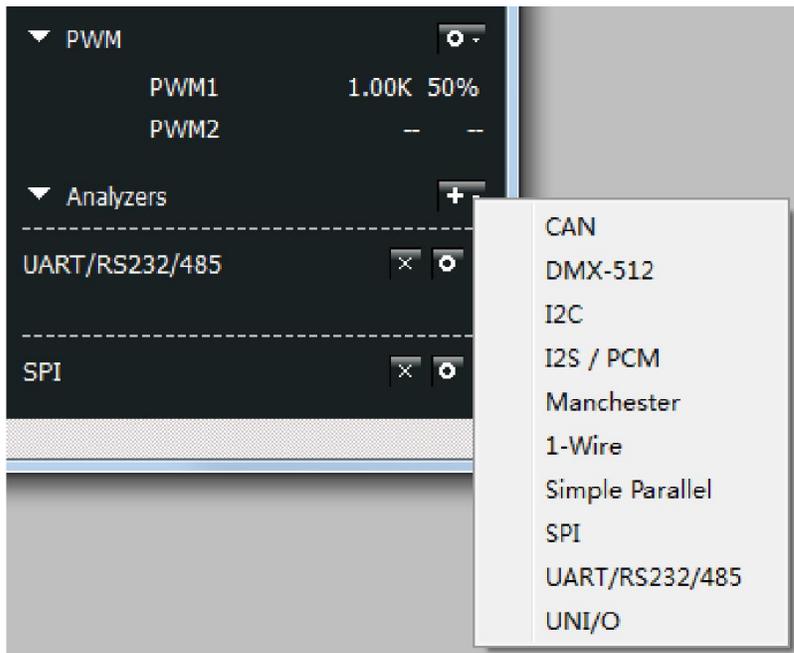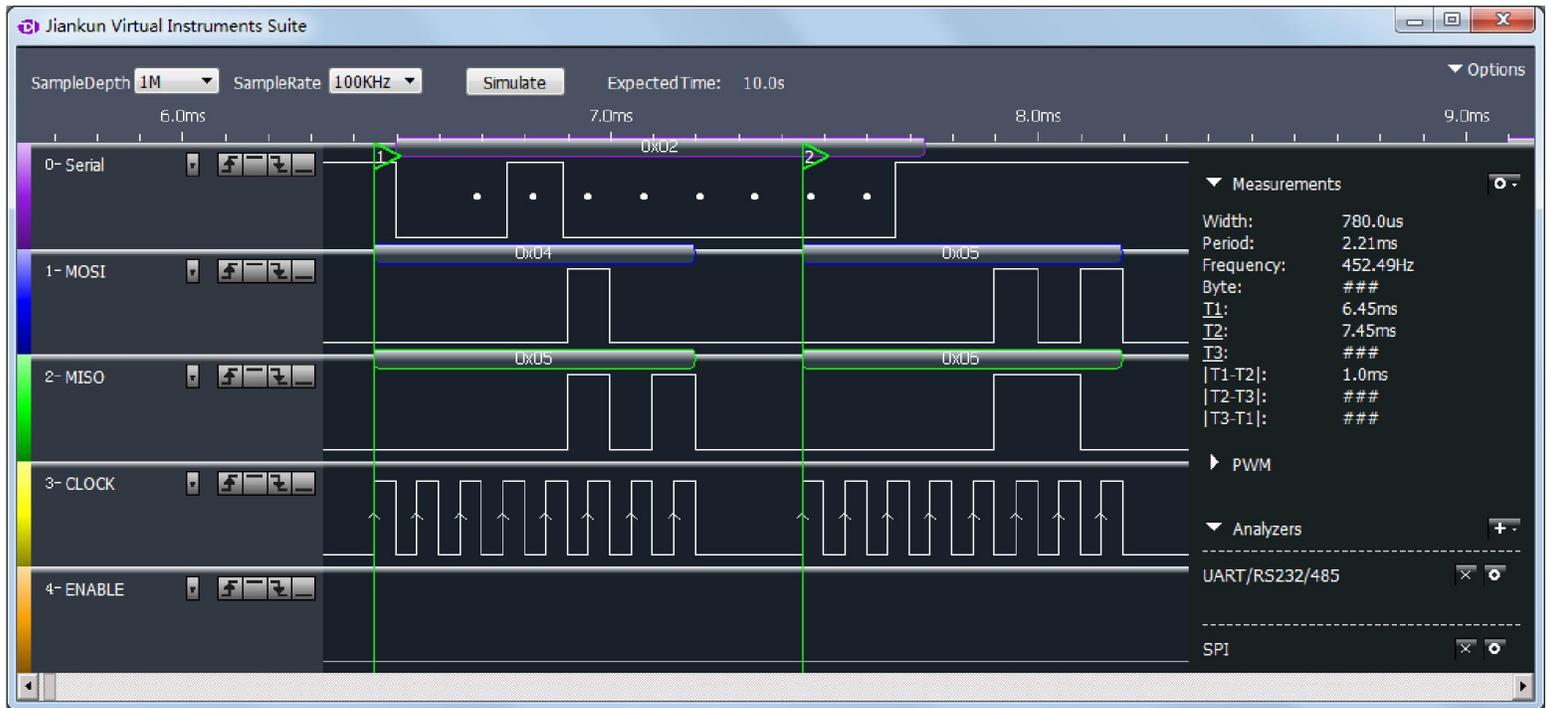
Specification:

·Input channels number: 16

·Max sampling rate: 100M

·Measurement bandwidth: 20M

·Min pulse width can be captured: 20ns

·Hardware memory size: 1Gbits

·Hardware sampling depth: 50M/channel

·Max compressed depth: 10G/channel

·Input voltage range: -50V ~ +50V

·Input impedance: 220KΩ, 12pF

·Threshold voltage: low level < 0.8V, high level > 1.6V

·PWM channels number: 2

·PWM frequency range: 0.1 ~ 20MHz

·PWM frequency adjust step: 10ns

·PWM pulse width adjust step: 5ns

·PWM output voltage: +3.3V

·PWM output impedance: 50Ω

·Standby current: 130mA

·Max operating current: 260mA

·Dimensions: 95mm * 55mm * 23mm

·Support OS: Windows XP, Vista, Windows 7/8(32bit/64bit)

·Support standard protocols: UART(RS-232/485/422), I2C, SPI, CAN, DMX512, HDMI CEC, I2S/PCM, JTAG, LIN, Manchester, Modbus, 1-Wire, Simple Parallel, PS/2 Keyboard/Mouse, UNI/O, USB1.1

·Software and user guide: http://www.kingst.org/download?fl=JkiSuiteSetup.zip

·Custom protocols SDK: http://www.kingst.org/download?fl=JkiAnalyzerSDK.zip

Technical details

Dimensions 0mm x0mm x0mm
Weight   G.W 411g
Battery   Exclude