LA3000

2-in-1 Analyzer (Logic & Protocol)



Hardware

- PC-based
- 68 / 136 channels
- USB3.0 interface
- 12V power
- 4GB total memory
- Stackable with a DSO to form as an MSO
- Protocol Analyzer: I2C, SD3.0, SPI, UART, ...
- Logic Analyzer: Logic triggers, Protocol triggers/decodes
- 4GHz timing analysis, 250MHz state analysis

Protocol Analyzer

Real time display
 I2C, SD 3.0, SPI, UART,...
 Filter

Hardware filter to save more needed data

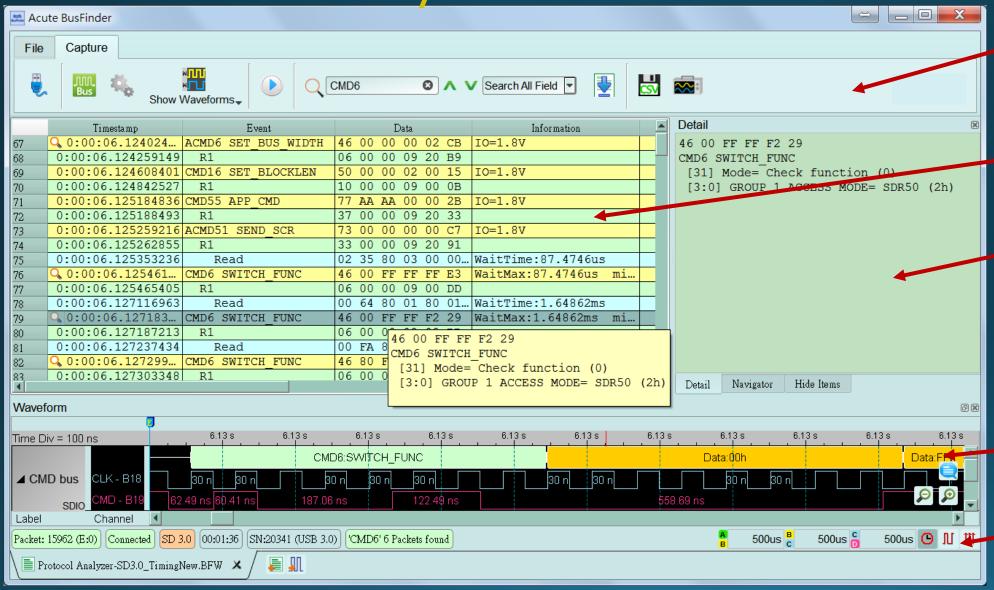
- Search
 Search data while capturing data
- Trigger
 Hardware trigger for command or data
- Waveforms
 Display waveforms after capture stopped

Logic Analyzer

- High sample rate4GHz timing analysis
- Deep memory
 4GB RAM to log very long time data
- Active probe
 Good impedance and 75cm long for easy setup
- Powerful triggers
 Logic triggers, flow-chart bus triggers
- Many bus decodes
 80+ bus decodes with waveforms
- Mixed signals
 Stackable with a DSO to capture and display digital and analog waveforms

Ch	Memory
64	500Mb
32	1Gb
16	2Gb
8	4Gb
4	8Gb
2	16Gb

Protocol Analyzer



Tool bar

Report window

Details/Statistics

Waveform window

Status bar

Protocol Settings

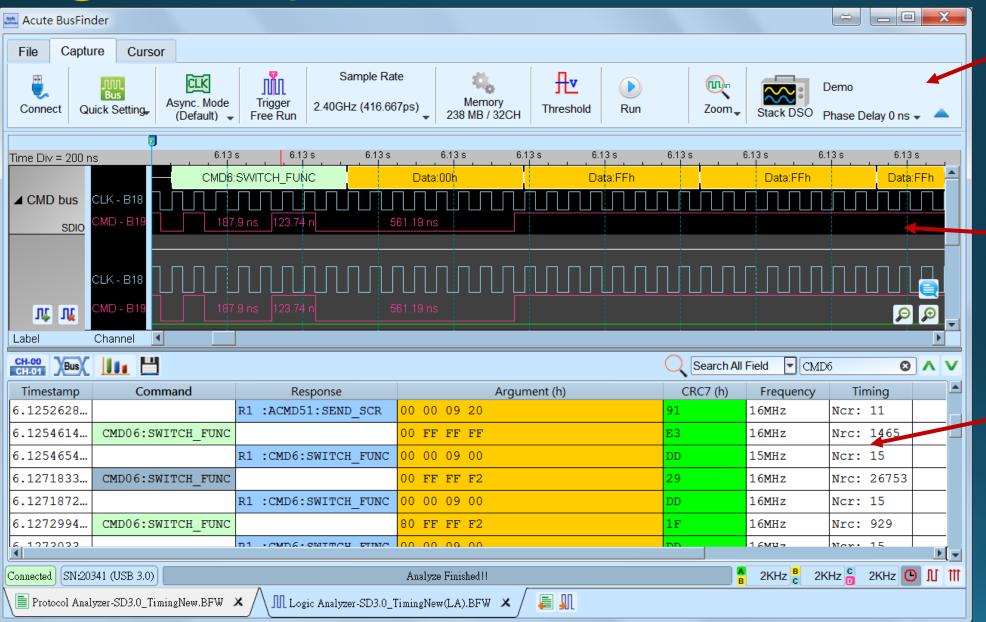
Default

X **Protocol Settings** eMMC 5.1 Sample Rate 2.4 GHz Filter I2C Filter condition NAND Flash Primary Protocol Analyzer Data Length > 512 bytes SD 3.0 **Protocol** SD 4.0 O SD 4 Probe Trigger on CMD/DATA SD 3 Probe VDD Drop CMD Trigger event O DATA Custom SD3.0 CRC16 error End bit error CRC7 error Probe Secondary Protocol Analyzer or I/O Option NAND Flash NAND channel DDR mode **Tuning settings** Protocol option O I/O 512 Block size bytes VDD detect channel A0 O A1 **▼** bit Bus width

✓ OK

X Cancel

Logic Analyzer (SD 3.0)



Tool bar

Waveform window

Report window

Logic Analyzer-Trigger Settings

