BusFinder

Model		BF6264B
Power	Power Source	12V Power adapter
	Static Power Consumption	18W
	Max Power Consumption	45W
Hardware Interface		USB 3.0
Timing Analysis (Asynchronous, Max. Sample Rate)		2.4GHz
State Clock Rate (Synchronous, External Clock)		250MHz
Storage		Conventional Timing, Transitional Timing
Channels (Data / Clock)		64/4
Total Sample Memory		32 Gb
Timing vs. Channels vs. Memory	Timing Analysis	Available channels / Memory per channel
	2.4 / 2GHz	32 / 1Gb
	1GHz 500 / 250 / 200MHz	64 / 500Mb
Trigger	Resolution	416 ps
	Channels	64
	States	8
	Events	8
	Pre / Post / Delay	Yes
	Pass Counter	Yes (1 ~ 1000000 times)
	Types	Channel, Pattern, Single / Multi Level, Width, Time-out, External
	Bus (by option)	eMMC 5.1, NAND Flash, SD 3.0, Serial Flash (SPI NAND), SPI
Input Voltage	Maximum	See Protocol Option
	Sensitivity	See Protocol Option
Impedance		See Protocol Option
Temperature	Operating / Storage	5℃~45℃ (41℉~113℉)/-10℃~65℃ (14℉~149℉)
Channel to channel skew		< 500 ps
I/O port	Trig-In	TTL 3.3V level (Rising / Falling)
	Trigger pulse approval	> 8ns
	Trig-Out	TTL 3.3V
	Ref. Clock Input	10MHz, Vpp=3.3 to 5V
	Ref. Clock Output	10MHz, TTL3.3V
	Connector type	MCX jack/female
Protocol Option (H/W, S/W)	eMMC 5.1	Yes
	NAND Flash	Yes, including the Serial Flash (SPI NAND), SPI bus trigger & decodes
	SD 3.0	Yes
	SD 4.1	Yes, covers SD 3.0
Software Features	Zoom In / Out	Yes
	Languages	English / Traditional Chinese / Simplified Chinese
	Waveform Height	Adjustable
	Zoom / Report Window	Yes
	Quick Cursor-positioning	Yes
	Import Label(s)	Yes
	Quick Bus Decode Setup	Yes
	Trigger / Auxiliary cursors	1/25
	Bus Decode	eMMC 5.1, NAND Flash, SD 3.0, Serial Flash (SPI NAND), SPI
Dimension	L x W x H	270 x 175 x 55 (mm³)
Weight		See Protocol Option

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Acute BusFinder

2-in-1 Analyzer (Protocol & Logic)

270 x 175 x 55 (mm³)

- PC-based, 64 channels
- USB 3.0 interface, 12V power adaptor
- 32Gb total memory

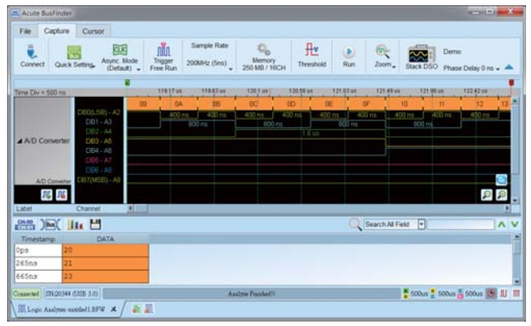
Protocol Analyzer: eMMC 5.1, NAND Flash, SD 3.0, SD 4.1 (UHS-II)

- Real-time data display, post-capture waveforms
- Trigger for commands or data
- Different active probes for different protocols for easier connections
- Filter data to save more commands
- Hide data for easy reading
- Search data for quick finding
- Statistics for commands and data
- Two voltage detects to find design bugs from voltage drop
- Use PC hard disk (SSD) to log long time data
- Protocol monitor like dash camera for long time surveillance (months)

Logic Analyzer: eMMC 5.1, NAND Flash, SD 3.0, Serial Flash (SPI NAND), SPI

- 2.4GHz timing analysis
- 8-state flow chart bus triggers
- Bus decodes with waveforms
- Stacks with a DSO to form as an MSO

Software Window



System Requirements

- USB 3.0 port
- Win 7, Win 8, Win 10 (64 bit)
- PC RAM 16GB (recommended) or 8GB at least

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BusFinder

Device weight : 800g, Accessories weight : 1216g

Device *1

Software USB Drive *1

USB3.0 (1.8M) *1

BNC to MCX *2

Adapter/Power cord *1

Instrument handbag *1

LA Probe x2

weight : 410g

LA08-tip*2 / LA09-tip*2

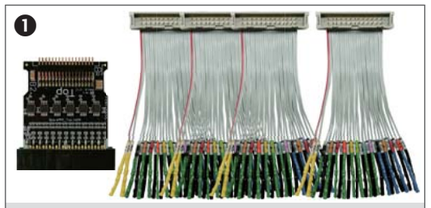
Flying lead cable (LA) *4

Gripper *40

eMMC 5.1 Option

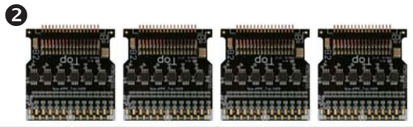
weight: 300g

❶



eMMC socket tip*1+ Flying lead cable*4

❷



eMMC welding tip *4

LA04 (B)-tip*1

NAND Flash Option

weight: 226g

Flying lead cable (NF)*4

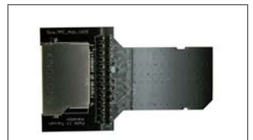
LA08-tip*1

LA09-tip*2

NAND-tip*1

SD 3.0 Option

weight: 135g



SD 3.0 tip*1

LA04 (B)-tip*1

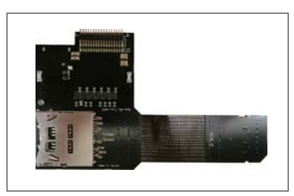
eMMC-tip*1

SD 4.1 Option

weight: 420g

SD 4.1 Probe

Micro USB 3.0 *1

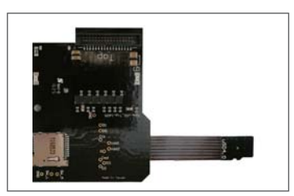


LA04 (B)-tip*1

SD4.1-tip*1

uSD 4.1 Probe

Micro USB 3.0 *1



LA04 (B)-tip*1

uSD4.1-tip*1

Tip specification

Model		LA08/09	LA04 (B)	NAND	eMMC, SD 3.0	SD 4.1, uSD 4.1
Number of Channels		8 / 8+1 (Data+CLK)	4 (Data)	4+2 (Data+Analog)	12+2 (Data+Analog)	6-SE / 3-Diff. / 2 (SD3.0 / SD4.1 / Analog)
Threshold of Data	Range	-0.5V ~ +4.8V			0V ~ +3.3V	
	Resolution	21mV				
	Accuracy	±100mV + 5%*Vth				
Input Voltage of Data	Maximum (Non-destructive)	±15V DC+AC peak			-0.5V ~ +5V DC+AC peak	
	Operation	-1V ~ 8V			0V ~ 3.3V	
	Sensitivity	~300mV			~150mV	
Impedance of Data		1MΩ || 5pF			500kΩ || 2pF	500kΩ || 2pF
Input Voltage of Analog	Maximum (Non-destructive)	---		-0.5V ~ +8V DC+AC peak		
	Operation	---		0V ~ 4V		
	Resolution	---		~1mV		
	Sampling Rate	---		1M		
Impedance of analog		---		1MΩ || 100pF		

*SE: Single Ended, Diff.: Differential Pair