

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)	4GHz	
State Clock Rate (Synchronous, External Clock)	250MHz	
Storage	Yes	
Channels (Data / Clock)	64/4	
Total Sample Memory	32 Gb	
Available channels vs. Memory per channel	Timing Analysis	Available channels / Memory per channel
	4GHz	16 / 2Gb
	2.4 / 2GHz	32 / 1Gb
Memory per channel	1GHz	64 / 500Mb
	500 / 250 / 200MHz	
Trigger	Resolution	500 ps
	Channels	64
	Pre / Post / Delay Trigger	Yes
	Pass Counter	Yes (1 ~ 1000000 times)
	Event Types	Single Level, Multi Level, Width, Timeout
	Bus Triggers	eMMC5.1, NAND Flash, SD3.0, Serial Flash (SPI NAND), SPI
	Input (for Stack)	TTL 3.3V
	Output Port (for Stack)	TTL 3.3V
	Ref. Clock Input	10MHz, Vpp=3.3 to 5V
	Input Voltage	Maximum
Sensitivity		~300mV
Impedance	1M 5pF	
Temperature	Operating / Storage	5°C~45°C (41°F~113°F)/-10°C~65°C (14°F~149°F)
Channel to channel skew	< 500 ps	
Choose Protocol Analysis	SD3.0 Solution	Yes
	Optional SD4.0 Probe	Yes (must have the SD3.0 option)
	Optional uSD4.0 Probe	Yes (must have the SD3.0 option)
	SD4.0 Solution	Yes
	NAND Flash Solution	Yes (including the Serial Flash, SPI NAND, SPI)
Software Features	eMMC Solution	Yes
	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	eMMC5.1, NAND Flash, SD3.0, Serial Flash (SPI NAND), SPI
Dimension	L x W x H (mm ³)	270 x 175 x 55 (mm ³)

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 : eMMC5.1, NAND Flash, SD3.0, SD 4.0 (UHS-II)
- Logic Analyzer : eMMC5.1, NAND Flash, SD3.0, Serial Flash, SPI NAND, SPI

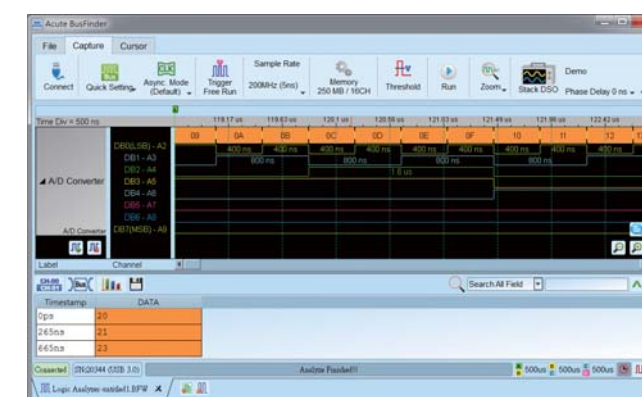
Protocol Analyzer

- Real-time display of the eMMC 5.1, NAND Flash, SD3.0 or SD 4.0 (UHS-II) data
- eMMC 5.1, NAND Flash, SD3.0 or SD 4.0 (UHS-II) triggers
- Each protocol has its own probe for easier connection, better impedance, higher capture quality
- Filter specific data to save memory
- Hide specific data for easier reading
- Search specific data for easier finding
- Statistics for easier commands and data analysis
- Trigger commands or data for easier pinpoint
- Display data and waveforms together for better observation (excluding UHS-II)
- Two sets of voltage detects to detects voltage changes
- Use PC hard disk for long time protocol surveillance

Logic Analyzer

- 2.4GHz timing analysis
- 8-state flow chart eMMC5.1 / NAND Flash / SD3.0 / Serial Flash / SPI NAND / SPI triggers
- With waveforms eMMC5.1 / NAND Flash / SD3.0 / Serial Flash / SPI NAND / SPI decodes
- Stack 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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Packing List




Device Weight	800g
Accessories Weight	816g

BusFinder Device *1



LA-pod *1



Flying lead cable (LA) *4



Adapter/Power cord *1



USB3.0 (1.8M) *1

LA-pod	
Weight (with Accessories)	321g
Input Voltage	+/- 15V
Threshold Accuracy	~300mV
Impedance	1M 5pF



Gripper *80

SD4.0 Solution

SD4.0 Probe



SD4.0 pod *1



SD4.0 Tip *1

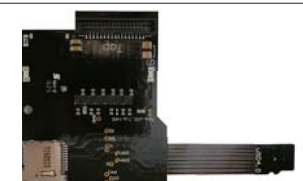


Micro USB3.0 *1

uSD4.0 Probe



uSD4.0 pod *1



uSD4.0 Tip *1



Micro USB3.0 *1

Timestamp	HostID	CardID	Event	Data	Information	Flags	Frequency
6549	010011.66189668	DIR	DIDL			B	
6550	010011.66189692	MSG (H)	DIDL_STAT	F1 00 02 00 SF 9B	CODE=00	B	
6551	010011.66189736	MSG (H)	DIDL_STAT	F1 00 02 00 SF 9B	CODE=00	B	
6552	010011.66189820	LIDL	DIDL			B	
6553	010011.66189842	LIDL	MSG (H)	FCREQ	F0 10 00 00 DC 2E	CODE=00	B
6554	010011.66189856	LIDL	MSG (H)	FCREQ	F0 10 00 00 DC 2E	CODE=00	B
6555	010011.661896768	MSG (H)	DIDL	FCRDY	F1 00 01 00 DA C8	CODE=00	B
6556	010011.661896836	MSG (H)	DIDL	FCRDY	F1 00 01 00 DA C8	CODE=00	B
6557	010011.661896884	STB_H	DIDL			B	
6558	010011.661897452	STB_H	DIDL			B	51.94MHz
6559	010011.661897516	STB_H	DIDL			B	
6560	010011.661897620	STB_L	DIR			B	
6561	010011.661898872	DIR	DIR			B	
6562	010011.661899076	DIR	SDB			B	
6563	010011.661900580	DATA (S)	DATA (S)	(2L-HD) Read Data	30 30 10 10 2C 31 2C 31...	Address=0084C9D0	B
6564	010011.661902272	DATA (S)	DATA (S)	(2L-HD) Read Data	30 30 10 10 31 0D 0A 2D...	Address=0084C9D1	B
6565	010011.661903964	DATA (S)	DATA (S)	(2L-HD) Read Data	30 30 10 10 35 2E 35 39...	Address=0084C9D2	B
6566	010011.661905656	DATA (S)	DATA (S)	(2L-HD) Read Data	30 30 10 10 35 2E 35 39...	Address=0084C9D3	B
6567	010011.661907352	DATA (S)	DATA (S)	(2L-HD) Read Data	30 30 10 10 39 32 34 31...	Address=0084C9D4	B
6568	010011.661909044	DATA (S)	DATA (S)	(2L-HD) Read Data	30 30 10 10 31 32 35 20...	Address=0084C9D5	B
6569	010011.661910736	DATA (S)	DATA (S)	(2L-HD) Read Data	30 30 10 10 52 2C 30 2C...	Address=0084C9D6	B
6570	010011.661912428	DATA (S)	DATA (S)	(2L-HD) Read Data	30 30 10 10 53 2C 30 2C...	Address=0084C9D7	B
6571	010011.661914120	DATA (S)	DATA (S)	(2L-HD) Read Data	30 30 10 10 30 2C 30 2C...	Address=0084C9D8	B
6572	010011.661915812	DATA (S)	DATA (S)	(2L-HD) Read Data	30 30 10 10 2C 30 2C 21...	Address=0084C9D9	B
6573	010011.661917504	DATA (S)	DATA (S)	(2L-HD) Read Data	30 30 10 10 2C 31 0D 0A...	Address=0084C9DA	B
6574	010011.661919196	DATA (S)	DATA (S)	(2L-HD) Read Data	30 30 10 10 0A 2D 35 2E...	Address=0084C9DB	B


SD4.0 pod	
Weight (with Accessories)	210g
Input Voltage	+/- 15V
Threshold Accuracy	~300mV
Impedance	1M 5pF

uSD4.0 pod	
Weight (with Accessories)	210g
Input Voltage	+/- 15V
Threshold Accuracy	~300mV
Impedance	1M 5pF

SD3.0 Solution

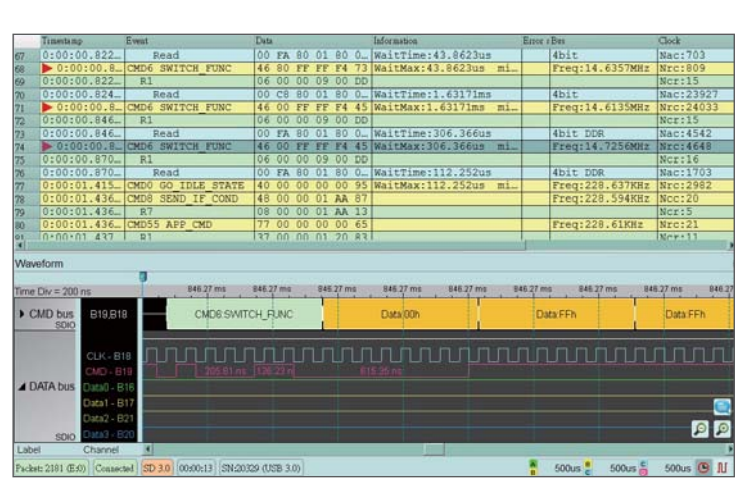


SD3.0 pod *1



SD3.0 Tip *1

SD3.0 pod	
Weight (with Accessories)	135g
Input Voltage	+/- 15V
Threshold Accuracy	~300mV
Impedance	1M 5pF



NAND Flash Solution

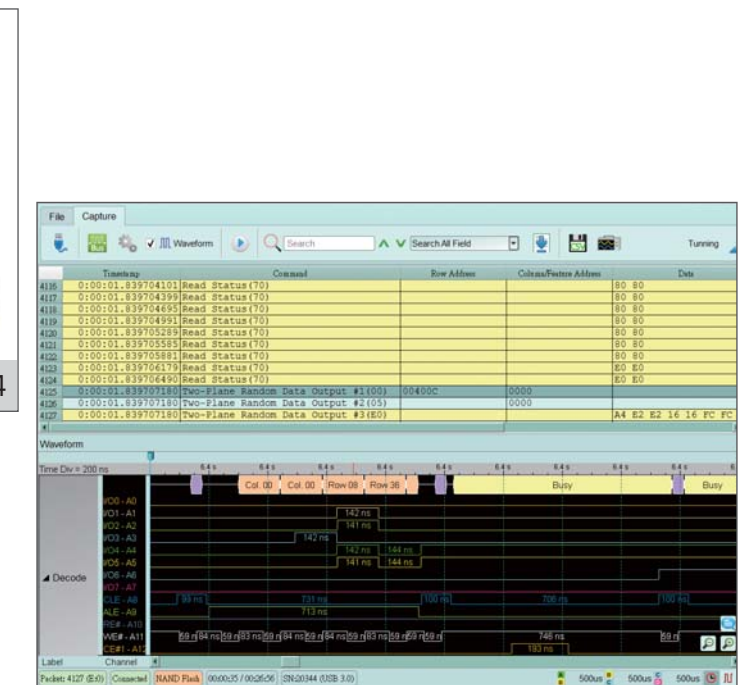


NAND pod *1



Flying lead cable (NA) *4


NAND pod	
Weight (with Accessories)	226g
Input Voltage	+/- 15V
Threshold Accuracy	~300mV
Impedance	1M 5pF



eMMC Solution



eMMC pod *1



eMMC Tip *5

eMMC pod	
Weight (with Accessories)	230g
Input Voltage	+/- 15V
Threshold Accuracy	~300mV
Impedance	1M 5pF

