

# Pod Logic Analyzers

By Philip Freidin

Vendor	Product name	Channels	Depth	Max sample rate	Price
Boulder Creek Engineering	Podalizer	18	64K	100 MHz	\$995.00
<a href="#">USBee</a>	USBee SX	8	on PC	1 MHz to 24 MHz	\$139.00
<a href="#">USBee</a>	USBee AX Standard	1 x A, 8 x D	on PC	1 MHz to 24 MHz	\$545.00
<a href="#">USBee</a>	USBee AX Plus	1 x A, 8 x D	on PC	1 MHz to 24 MHz	\$745.00
<a href="#">USBee</a>	USBee AX Pro	1 x A, 8 x D	on PC	1 MHz to 24 MHz	\$1,045.00
<a href="#">USBee</a>	USBee DX	2 x A, 16 x D	on PC	1 MHz to 24 MHz	\$1,495.00
<a href="#">USBee</a>	USBee ZX	8	on PC	1 MHz to 24 MHz	\$895.00
<a href="#">USBee</a>	USBee AX-DE				\$495.00
<a href="#">USBee</a>	BusBee				\$295.00
<a href="#">Saleae Logic</a>	Logic	8	on PC	1 MHz to 24 MHz	\$149.95
<a href="#">Link Instruments</a>	IO-3200	32		400 MSPS	\$750.00
<a href="#">INTRONIX (PC test instruments)</a>	LA 1034	34	2048	500 MHz	\$389.00
<a href="#">Tech-Tools</a>	DV1-100	18	128K	100 MHz	\$499.00
<a href="#">Tech-Tools</a>	DV3400	18 / 36	.5 / 1 M	200/400 MHz	\$1,499.00
<a href="#">Beagle</a>	Beagle USB 12				\$400.00
<a href="#">ASIX</a>	SIGMA	16	16M	50 MHz	\$418.00
<a href="#">DesignSoft</a>	LogiXplorer	32		500 MHz	???
<a href="#">Circuit Specialist, Inc.</a>	CSI5034	34	2K	500 MHz	\$329.00
<a href="#">RockyLogic</a>	ANT 8	8	3K	500 MHz	???
<a href="#">RockyLogic</a>	ANT 18e	18	8K	1 GHz	???
<a href="#">Bugblat</a>	X34	32	6K	500 MHz	\$209.00
<a href="#">Saelig</a>	Cleverscope CS328A	2 x A, 8 x D	4M	100 MHz	\$1,259.00
<a href="#">Saelig</a>	Cleverscope CS328A-XS	2 x A, 8 x D	8M	100 MHz	\$2,092.00
<a href="#">Saelig</a>	LAD-16128U	16	128K	200 MHz	\$299.00
<a href="#">Saelig</a>	LAD-32128U-A	32	128K	200 MHz	\$799.00
<a href="#">Saelig</a>	LAD-321000U-A	32	1M	200 MHz	\$1,349.00
<a href="#">ZeroPlus</a>	LAP-16032U	16	32K	100 MHz	
<a href="#">ZeroPlus</a>	LAP-16064U	16	64K	100 MHz	

<a href="#">ZeroPlus</a>	LAP-16128U	16	128K 200 MHz	
<a href="#">ZeroPlus</a>	LAP-32128U-A	32	128K 200 MHz	
<a href="#">ZeroPlus</a>	LAP-321000U-A	32	1M 200 MHz	
<a href="#">ZeroPlus</a>	LAP-322000U-A	32	2M 200 MHz	
<a href="#">ZeroPlus</a>	LAP-B-70256L	64	256K 400 MHz	
<a href="#">ZeroPlus</a>	LAP-B-702000L	64	2M 400 MHz	
<a href="#">ZeroPlus</a>	LAP-B-70256	64	256K 400 MHz	
<a href="#">ZeroPlus</a>	LAP-B-702000	64	2M 400 MHz	
<a href="#">ZeroPlus</a>	LAP-C-16032	16	32K 100 MHz	
<a href="#">ZeroPlus</a>	LAP-C-16064	16	64K 100 MHz	
<a href="#">ZeroPlus</a>	LAP-C-16128	16	128K 200 MHz	
<a href="#">ZeroPlus</a>	LAP-C-32128	32	128K 200 MHz	
<a href="#">ZeroPlus</a>	LAP-C-321000	32	1M 200 MHz	
<a href="#">ZeroPlus</a>	LAP-C-322000	32	2M 200 MHz	
<a href="#">MicroController Pros (ZeroPlus)</a>	LAP-16128U	16	128K 200 MHz	\$399.00
<a href="#">MicroController Pros (ZeroPlus)</a>	LAP-C-16032	16	32K 100 MHz	\$125.00
<a href="#">MicroController Pros (ZeroPlus)</a>	LAP-C-16064	16	64K 100 MHz	\$223.00
<a href="#">MicroController Pros (ZeroPlus)</a>	LAP-C-16128	16	128K 100 MHz	\$393.00
<a href="#">MicroController Pros (ZeroPlus)</a>	LAP-C-32128U	32	128K 100 MHz	\$849.00
<a href="#">MicroController Pros (ZeroPlus)</a>	LAP-C-321000	32	1M 100 MHz	\$1,574.00
<a href="#">MicroController Pros (ZeroPlus)</a>	LAP-C-322000	32	1M 100 MHz	\$1,902.00
<a href="#">MicroController Pros</a>	PA4032A	32	128K 40 MHz	\$2,000.00
<a href="#">MicroController Pros</a>	M611/E	32	512K 100 MHz	\$823.00
<a href="#">MicroController Pros</a>	PoScope	2 x A, 16 x D	128 8 MHz	\$195.00
<a href="#">The DebugStore (ZeroPlus)</a>	LAP-B70256L	64	256K 200 MHz	£1920.00
<a href="#">The DebugStore (ZeroPlus)</a>	LAP-B702000L	64	2M 200 MHz	£1975.00
<a href="#">The DebugStore (ZeroPlus)</a>	LAP-B70256	64	256K 200 MHz	£2160.00

<a href="#">The DebugStore (ZeroPlus)</a>	LAP-B702000	64	2M 200 MHz	£2890.00
<a href="#">The DebugStore (ZeroPlus)</a>	LAP-32128U-A	32	128K 200 MHz	£725.00
<a href="#">The DebugStore (ZeroPlus)</a>	LAP-321000U-A	32	1M 200 MHz	£1195.00
<a href="#">The DebugStore (ZeroPlus)</a>	LAP-322000	32	2M 200 MHz	£1430.00
<a href="#">The DebugStore (ZeroPlus)</a>	LAP-16032U	16	32K 200 MHz	£120.00
<a href="#">The DebugStore (ZeroPlus)</a>	LAP-16064U	16	64K 200 MHz	£165.00
<a href="#">The DebugStore (ZeroPlus)</a>	LAP-16128U	16	128K 200 MHz	£270.00
<a href="#">The DebugStore (Active Tech)</a>	AT-LA500	36	2M 500 MHz	£1615.00
<a href="#">The DebugStore (Janatek)</a>	LA-Gold-36	36	1M 1 GHz	£985.00
<a href="#">The DebugStore (Janatek)</a>	Logic-16	16	1M 200 MHz	£515.00
<a href="#">The DebugStore (Janatek)</a>	Logic-3P	16	1M 200 MHz	£375.00
<a href="#">The DebugStore (Janatek)</a>	LuLaUSB	16	1M 200 MHz	£430.00
<a href="#">The DebugStore (Janatek)</a>	Annie-200P	8	???	£395.00
<a href="#">The DebugStore (Janatek)</a>	Annie-USB	8	1M 500 MHz	£305.00
<a href="#">The DebugStore (Novatek)</a>	LA5034	34	???	£350.00
<a href="#">The DebugStore (RK-Systems)</a>	LogicDAQ	32	???	£375.00
<a href="#">The DebugStore (Leaptronix)</a>	PLA-2532	32	???	£445.00
<a href="#">The DebugStore (Leaptronix)</a>	PLA-1016	16	???	£350.00
<a href="#">The DebugStore (ASIX)</a>	SIGMA	16	16M 50 MHz	£279.00
<a href="#">The DebugStore (CWAV)</a>	USBee SX	8	on PC 1 MHz to 24 MHz	£125.00
<a href="#">The DebugStore (CWAV)</a>	USBee ZX	8	on PC 1 MHz to 24 MHz	£685.00
<a href="#">The DebugStore (CWAV)</a>	USBee AX Standard	1 x A, 8 x D	on PC 1 MHz to 24 MHz	£426.00
<a href="#">The DebugStore (CWAV)</a>	USBee AX Plus	1 x A, 8 x D	on PC 1 MHz to 24 MHz	£575.00
<a href="#">The DebugStore (CWAV)</a>	USBee AX Pro	1 x A, 8 x D	on PC 1 MHz to 24 MHz	£795.00
<a href="#">The DebugStore (CWAV)</a>	USBee DX	2 x A, 16 x D	on PC 1 MHz to 24 MHz	£1120.00
<a href="#">BitScope</a>	BS50	2 x A, 8 x D	32 K 40 MHz	\$475.00
<a href="#">USB Instruments</a>	DS1M12 Easyscope II	2	12 bit / 8KW 1 MHz	\$220.00
<a href="#">Link Instruments</a>	DSO-8202	2	1M 200 MSPS	\$799.00
<a href="#">Link Instruments</a>	DSO-8502	2	1M 500 MSPS	\$950.00
<a href="#">Link Instruments</a>	MSO-9212	2 x A, 12 x D	1 GSPS	\$1,799.00
<a href="#">Link Instruments</a>	MSO-19			\$249.00

[Link Instruments](#)

LA-5000

\$1,700.00

# July 2009

## Comments

1995 (original PC hosted Logic Analyzer), No longer available

Decodes I2C, Async, SPI

MSO

MSO, Decodes I2C, Async, SPI, 1-wire, CAN, I2S, Smbus, PS/2, USB

MSO, Decodes I2C, Async, SPI, 1-wire, CAN, I2S, Smbus, PS/2, USB, other functions

MSO, Decodes I2C, Async, SPI, 1-wire, CAN, I2S, Smbus, PS/2, USB, other functions

LA + Sig Gen, Decodes I2C, Async, SPI, 1-wire, CAN, I2S, Smbus, PS/2, USB, other functions

Multiprotocol Serial Bus Monitor

Decodes I2C, Async, SPI, CAN

USB protocol Analyzer

4 inputs @ 200 MHz (price from uCPros)

MSO

MSO, higher res ADC, sig gen

Decodes IIC, UART, SPI, 7-Segment LED, 1-Wire, MICROWIRE, SSI, Manchester, Miller, HDQ, CAN 2.0B

Decodes IIC, UART, SPI, 7-Segment LED, 1-Wire, MICROWIRE, SSI, Manchester, Miller, HDQ, CAN 2.0B

Decodes IIC, UART, SPI, 7-SEGMENT LED

Decodes IIC, UART, SPI, 7-SEGMENT LED

Decodes IIC,UART,SPI,7-SEGMENT LED

Decodes IIC,UART,SPI,7-SEGMENT LED, 1-Wire, MICROWIRE, SSI, Manchester, Miller  
Decodes IIC,UART,SPI,7-SEGMENT LED, 1-Wire, MICROWIRE, SSI, Manchester, Miller, HDQ,  
CAN 2.0B

Decodes IIC,UART,SPI,7-SEGMENT LED, 1-Wire, MICROWIRE, SSI, Manchester, Miller, HDQ,  
CAN 2.0B, IIS, PS/2, LIN 2.1

Decodes I2C,SPI, UART and 7-Segment LED.

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Decodes IIC, UART, SPI, 1-Wire, HDQ, CAN 2.0B, USB 1.1, IIS, PS/2, Microwire, SSI, LIN 2.1,  
Manchester, Miller, and 7-Segment LED

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Manchester, Miller, and 7-Segment LED

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Decodes I2C,SPI, UART and 7-Segment LED.

Decodes IIC,SPI, UART and 7-Segment LED, 1-Wire, Manchester, Miller, SSI

Decodes IIC,SPI, UART and 7-Segment LED, 1-Wire, Manchester, Miller, SSI, CAN 2.0B, HDQ  
Decodes IIC,SPI, UART and 7-Segment LED, 1-Wire, Manchester, Miller, SSI, CAN 2.0B, HDQ,  
IIS, LIN 2.1, PS/2

Decodes I2C, UART, SPI, CAN, 7-SEG, USB 1.1

Decodes I2C,SPI, UART and 7-Segment LED.

Decodes I2C,SPI, UART and 7-Segment LED.

Decodes I2C,SPI, UART and 7-Segment LED.

Decodes UART, SPI, I2C

Yes, mem for LA is 128 bit. ADC samples at 200 KHz

Decodes I2C,SPI, UART and 7-Segment LED.

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Decodes IIC, UART, SPI, 1-Wire, HDQ, CAN 2.0B, USB 1.1, IIS, PS/2, Microwire, SSI, LIN 2.1,  
Manchester, Miller, and 7-Segment LED

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Decodes IIC, UART, SPI, 1-Wire, SSI, Microwire, Manchester, Miller, and 7-Segment LED  
Decodes IIC, UART, SPI, 1-Wire, HDQ, CAN 2.0B, Microwire, SSI, Manchester, Miller, and 7-Segment LED

Decodes IIC, IIS, SPI, UART, 1-Wire, Microwire, SSI, HDQ, CAN 2.0B, LIN 2.1, Manchester, Miller, PS/2, and 7-Segment LED

Decodes I2C, SPI, UART and 7-Segment LED.

Decodes I2C, SPI, UART and 7-Segment LED.

Decodes I2C, UART, SPI, 7-SEG

Decodes I2C, SPI, UART  
200 MHz with 16 channels

Decodes I2C, Async, SPI

LA + Sig Gen, Decodes I2C, Async, SPI, 1-wire, CAN, I2S, Smbus, PS/2, USB, other functions, MSO

MSO, Decodes I2C, Async, SPI, 1-wire, CAN, I2S, Smbus, PS/2, USB

MSO, Decodes I2C, Async, SPI, 1-wire, CAN, I2S, Smbus, PS/2, USB, other functions

MSO, Decodes I2C, Async, SPI, 1-wire, CAN, I2S, Smbus, PS/2, USB, other functions

100 MHz Bandwidth, 25 ns resolution, AWG, FFT

ETS 20 MHz, 250 KHz bandwidth

100 MHz bandwidth, FFT,

ETS 20 GSPS, 100 MHz bandwidth, FFT, (250 MSPS with 2 channels)

ETS 50 GSPS