

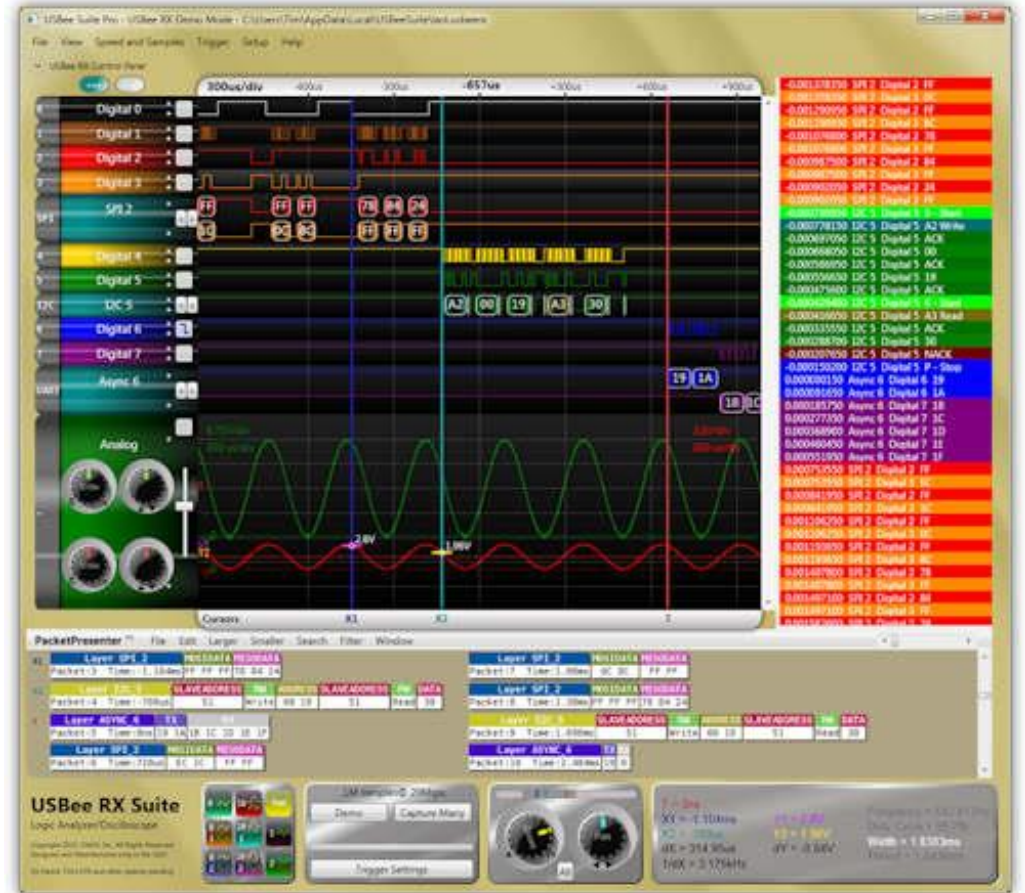
# USBee Product Comparison Chart

## Choosing the right USBee Test Pod for your application

*Fast, Easy and Affordable debugging at every level of your design!*  
 USBee Test Pods let you to design, prototype, test and debug your embedded electronic designs while saving you time, money and occasionally your job by finding the bugs that are critical to your products operation!



Choose from our extensive line of multifunction USBee test pods for debugging complex embedded designs. Each USBee comes with a unique set of features to satisfy your exact debugging needs.



		Product					
		USBee QX	USBee RX	USBee DX	USBee ZX	BusBee	USBee SX
Technology	Wired Interconnect	USB 3.0 or USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
	Wireless Interconnect	WiFi 802.11b/g	-	-	-	-	-
Mixed Signal Oscilloscope (MSO)	Digital Channels	24	18	16	8	4	8
	Max Sample Rate Digital	600 MS/s	600 MS/s	24 MS/s	24 MS/s	24 MS/s	24 MS/s
Logic Analyzer and Oscilloscope	Fastest Digital Signal Measurable	300 MHz	300 MHz	12 MHz	12 MHz	12 MHz	12 MHz
	Analog Channels	4	2	2	0	0	0
	Max Sample Rate Analog	100 MS/s	100 MS/s	24 MS/s	na	na	na
	Analog Resolution	1.4 mV	11.7 mV	78 mV	na	na	na
	Analog Bandwidth (-3dB)	50 MHz	50 MHz	12 MHz	na	na	na
	Max Sample Rate All Channels Sampling	100 MS/s	100 MS/s	8 MS/s	24 MS/s	24 MS/s	24 MS/s
	Other Sample Rates (sps) - number of channels	200M - 16D	200M - 8D	24M - 8D	24M - 8D	24M	24M - 8D
		300M - 10D	300M - 5D	12M - 8Dx1A			
		600M - 4D	600M - 2D	12M - 16D			
		plus 100M on other channels	plus 100M on other channels	12M - 2A			
	Buffer Depth	896M samples shared by all channels	558M samples shared by all channels	200+ Million samples. Uses PC RAM/Hard Disk		Streams to Disk	200M
	Sample Compression	✓	✓				

	Maximum Capture Time all channels max speed max buffer	32 days	16.3 days	25 secs	8.3 secs	8.3 secs	8.3 secs
		* depends on signal activity	* depends on signal activity				
	Analog Input Range	+/- 6V or +/- 60V	+/- 6V or +/- 60V	+/- 10V			
	ADC	Quad 10-bit	Dual 10-bit	Dual 8-bit			
	Digital Input Range	+/- 60V	+/- 60V	0-5V	0-5V	0-5V	0-5V
	Logic Threshold	Variable	Variable	Fixed	Fixed	Fixed	Fixed
		-1V to +2V	-1V to +2V	1.5V	1.5V	1.5V	1.5V
	Time Synchronized Spectrum Analyzer	✓					
	FFT Analysis	with optional USBee QX Suite Pro					
Protocol Decoders	PacketPresenter Protocol Decoder	✓	✓	<a href="#">with optional USBee Suite Pro</a>			
	In-Line Bus Decoders	✓	✓	✓	✓	✓	✓
	Protocol Field Value Graphing	✓					
		with optional USBee QX Suite Pro					
	SDIO Decoder	✓	✓				
	USB Decoder	✓	✓	✓	✓	✓	✓
	I2C Decoder	✓	✓	✓	✓	✓	✓
	SPI Decoder	✓	✓	✓	✓	✓	✓
	Async Decoder	✓	✓	✓	✓	✓	✓
	CAN Decoder	✓	✓	✓	✓	✓	✓
	I2S Decoder	✓	✓	✓	✓	✓	✓
	1-Wire Decoder	✓	✓	✓	✓	✓	✓
	SM Bus Decoder	✓	✓	✓	✓	✓	✓
	PS/2 Decoder	✓	✓	✓	✓	✓	✓
	Serial Decoder	✓	✓	✓	✓	✓	✓
	Parallel Decoder	✓	✓	✓	✓	✓	✓
Custom Decoder API	✓	✓	✓	✓	✓	✓	
Bus Data Extractors	✓	✓	✓		✓		
USBee Suite Software	USBee RX Suite Supported	✓	✓				
	USBee Suite Standard Features Supported	✓	✓	✓	✓	✓	✓
	USBee Suite Pro Features Supported	✓	✓	<a href="#">with optional USBee Suite Pro</a>			
Analog Signal Generator	Sine, Triangle, Ramp, Square	✓	✓				
	Frequency	1 to 227kHz	1 to 227kHz				

	Variable Min and Max Voltage Range	0V to 3V	0V to 3V				
Digital Signal Generator	Arbitrary Digital Pattern Generator	✓	✓	✓	✓		✓
	Sample Frequency	100Msps	100Msps	24Msps	24Msps		24Msps
	PWM Controller	✓	✓	✓	✓		
	Remote Controller	✓	✓	✓	✓		
	Trigger Output	✓	✓				
Measurements	Data Logger	✓	✓	✓	✓		
	Digital Voltmeter	✓	✓	✓			
	Frequency Counter	✓	✓	✓	✓		
	Pulse Counter	✓	✓	✓	✓		
Programmable API	USBee Toolbuilder Source Code	✓	✓	✓	✓		
		<a href="#">USBee QX</a>	<a href="#">USBee RX</a>	<a href="#">USBee DX</a>	<a href="#">USBee ZX</a>	<a href="#">BusBee</a>	<a href="#">USBee SX</a>