

Ultimate Bundle Software Package

for InfiniiVision X-Series oscilloscopes

The Ultimate Bundle Software Package bundles all the serial bus protocol trigger & decode capabilities, as well as all the advanced measurement capabilities of the individual licensed industry/application software packages (Auto, Power, Aero, USB, and Embedded). In addition, this package enables the NFC trigger and automated NFC test software.



Introduction

Table 1 lists the specific measurement capabilities that are enabled on each series with the Ultimate Bundle Software Package.

Table 1. InfiniiVision Ultimate Packages

InfiniiVision Series:			2000A	3000A	3000T	4000A	6000A	P9240	M9240
Ultimate Package Model Number:			D2000BDLB	D3000BDLB	D3000BDLB	D4000BDLB	D6000BDLB	P9240BDLC	M9240BDLB
Serial Trigger & Decode	I ² C	Embedded Package	✓	✓	✓	✓	✓	✓	✓
	SPI		✓	✓	✓	✓			
	UART		✓	✓	✓	✓	✓	✓	✓
	I ² S			✓	✓	✓	✓		
	CAN	Auto Package	✓	✓	✓	✓	✓	✓	✓
	CAN FD				✓	✓	✓	✓	✓
	LIN		✓	✓	✓	✓	✓	✓	✓
	FlexRay			✓	✓	✓	✓		
	SENT				✓	✓	✓	✓	✓
	PSI5 (User-definable Manchester)				✓	✓	✓	✓	✓
	User-definable NRZ				✓	✓	✓	✓	✓
	CXPI			✓	✓	✓	✓	✓	
	MIL-STD 1553	Aero Package		✓	✓	✓	✓	✓	✓
	ARINC 429			✓	✓	✓	✓	✓	✓
	USB-PD	USB/Pwr/Embd			✓	✓	✓	✓	✓
	USB low & full-speed	USB Package			✓	✓	✓		
	USB hi-speed ¹				✓	✓	✓		

InfiniiVision Series:			2000A	3000A	3000T	4000A	6000A	P9240	M9240
Ultimate Package Model Number:			D2000BDLB	D3000BDLB	D3000BDLB	D4000BDLB	D6000BDLB	P9240BDLC	M9240BDLB
Advanced Analysis	USB Signal Quality Test	USB Package				✓	✓		
	Jitter Analysis						✓		
	Power Analysis	Power Package		✓	✓	✓	✓		✓
	Mask Test	All Packages	✓	✓	✓	✓	✓	✓	✓
	Frequency Response Analysis				✓	✓	✓	✓	✓
	Advanced Math		Std	✓	Std	Std	Std	Std	Std
	Enhanced HDTV Video Test	Embedded/Aero		✓	✓	✓	✓	✓	✓
	NFC Trigger and Automated Test ²	N/A			✓	✓		✓	✓

1. USB hi-speed trigger & decode available in ≥ 1-GHz bandwidth models only.
2. NFC trigger available on the P9240 and M9240 Series, but automated NFC test software not compatible with these Series.

Related Literature

To learn more about specific measurement capabilities that are part of the Ultimate Package, refer the appropriate industry/application package data sheets that support those particular measurements of interest (refer to Table 1). For example, to learn more about CAN/CAN FD trigger and decode, refer to the Auto Package data sheet. To learn more about the various power analysis measurements, refer to the Power Package data sheet.

Table 2. Related literature

Publication title	Publication number
<i>Automotive Package – Data Sheet</i>	5992-3912EN
<i>Power Package – Data Sheet</i>	5992-3925EN
<i>Embedded Package – Data Sheet</i>	5992-3924EN
<i>USB Package – Data Sheet</i>	5992-3920EN
<i>Aero Package – Data Sheet</i>	5992-3910EN
<i>NFC Trigger and Automated Test Software – Data Sheet</i>	5992-1593EN
<i>InfiniiVision 2000 X-Series Oscilloscopes - Data Sheet</i>	5990-6618EN
<i>InfiniiVision 3000T X-Series Oscilloscopes - Data Sheet</i>	5992-0140EN
<i>InfiniiVision 4000 X-Series Oscilloscopes - Data Sheet</i>	5991-1103EN
<i>InfiniiVision 6000 X-Series Oscilloscopes - Data Sheet</i>	5991-4087EN
<i>M924XA InfiniiVision PXIe Modular Oscilloscopes - Data Sheet</i>	5992-2003EN
<i>P924XA InfiniiVision USB Oscilloscopes - Data Sheet</i>	5992-2897EN
<i>InfiniiVision Oscilloscope Probes and Accessories - Selection Guide</i>	5968-8153EN

Ordering Information

Table 3. Ultimate Bundle Software Package model numbers

InfiniiVision Series	Ultimate package
2000 X-Series	D2000BDLB
3000 X-Series	D3000BDLB
4000 X-Series	D4000BDLB
6000 X-Series	D6000BDLB
P9240 Series	P9240BDLC
M9240 Series	M9240BDLB

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