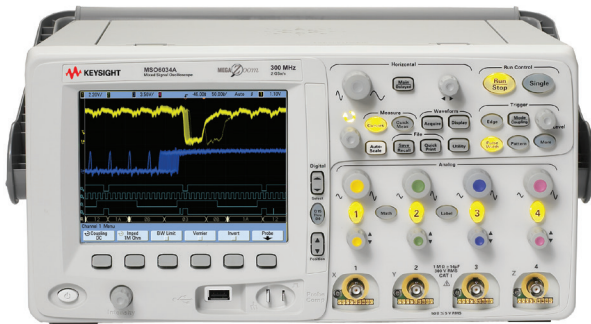


Keysight InfiniiVision 6000 Series Oscilloscopes

Engineered for the best signal visibility



Keysight Technologies, Inc. InfiniiVision 6000 Series scopes will help you identify your most elusive problems

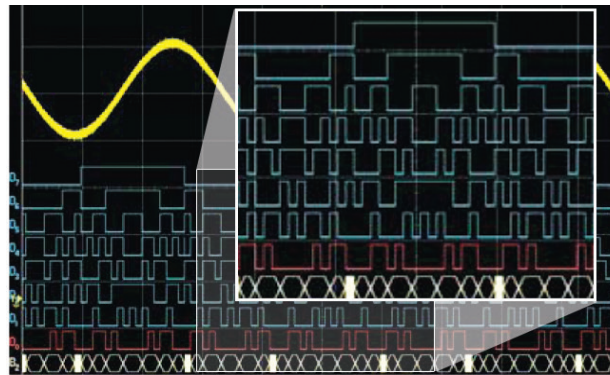
- | | |
|------------|--|
| Attractive | Traditional form with a longer depth that is stackable, with a optional battery operation hardware configuration for an advanced debug oscilloscope on the go where AC power is not readily available. |
| Fast | Fastest uncompromised update rate shows you critical signal details and infrequent events that other scopes miss, while remaining responsive to input controls. |
| Smart | Insightful applications with the industry's only hardware accelerated decode to give you faster insight. |

Key specifications

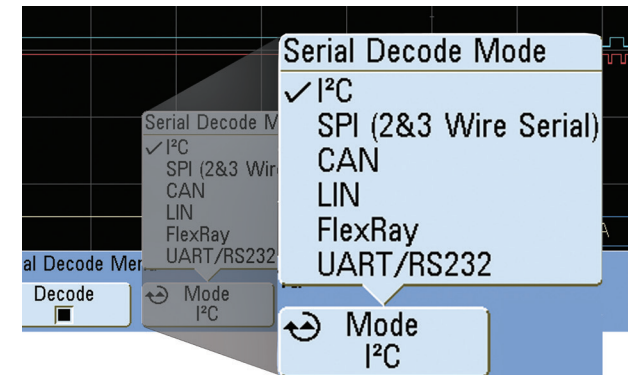
Bandwidth	100 MHz, 300 MHz, 500 MHz and 1 GHz models
Channels	2-ch, 4-ch, 2 analog +16 digital, 4 analog +16 digital
Sample rate	2 GSa/s (100 MHz to 300 MHz), 4 GSa/s (500 MHz to 1 GHz)
Memory	8 Mpts standard
Display	High-definition display with XGA resolution, 256 levels of intensity and 100,000 waveform/sec update rate
Triggering	Edge, pulse width, pattern, V, duration, sequence, serial bus (I ² C, SPI, CAN, LIN, RS-232/UART, and I ² S)



See even the most elusive events with up to 100,000 Wfm/s update rate.



Capture a mix of analog and digital signals, compare multiple cycles of digital signals with slower analog phenomena.



Real-time hardware-based serial decode for I²C, SPI, CAN, LIN, RS-232/UART, and I²S.

Oscilloscope models

Model	Bandwidth	Sample rate	Analog channels
DSO/MSO 6012A	100 MHz	2 GSa/s	2
DSO/MSO 6014A	100 MHz	2 GSa/s	4
DSO/MSO 6032A	300 MHz	2 GSa/s	2
DSO/MSO 6034A	300 MHz	2 GSa/s	4
DSO/MSO 6052A	500 MHz	4 GSa/s	2
DSO/MSO 6054A	500 MHz	4 GSa/s	4
DSO/MSO 6102A	1 GHz	4 GSa/s	2
DSO/MSO 6104A	1 GHz	4 GSa/s	4

Recommended probes

Model	Description
10070D	1:1, 20 MHz passive probe
10076B	100:1, 4 kV, 250 MHz high-voltage prob
1146A	100 kHz current probe, AC/DC
1147B	50 MHz/15 A current probe, AC/DC
1130A	InfiniiMax active probe - choose one or more probe head
N2783B	100 MHz/30 A current probe, AC/DC (requires N2779A power supply)
N2790A	100 MHz, 1.4 kV high-voltage differential probe with AutoProbe
N2791A	25 MHz, 700 V high-voltage differential probe (battery or USB)
N2792A	200 MHz, ± 20 V differential probe (battery or USB powered)
N2793A	800 MHz, ± 15 V differential probe (battery or USB powered)
N2795A	1 GHz active probe
N2796A	2 GHz active probe

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Keysight Services helps you improve productivity and product quality with our comprehensive service offerings of one-stop calibration, repair, asset management, technology refresh, consulting, training, and more.

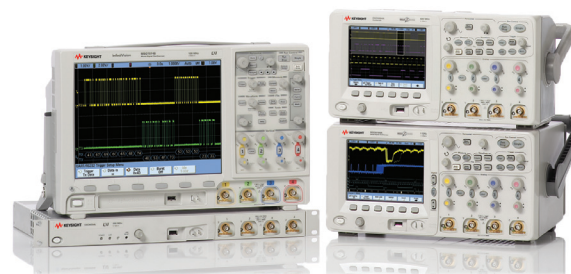


Applications

Model	Description
AMS/N5424A	CAN/LIN automotive triggering and decode (for 4 and 4+16 channel models only)
LSS/N5423A	I ² C/SPI serial decode option (for 4 and 4+16 channel models only)
SND/N5468A	I ² S Triggering and decode for (for 4 channel DSO/MSO models only)
232/N5457A	RS-232/UART triggering and decode (for 4+16 channel models only)
533/N5469A	MIL-STD-1553 triggering and decode
FLX/N5432A	FlexRay triggering and decode
N5406A	FPGA dynamic probe for Xilinx (MSO models only)
N5434A	FPGA dynamic probe for Altera (MSO models only)
B4610A	Offline viewing and analysis of MSO/DSO data on a PC
U1881A	Power measurement and analysis application
SGM/N5454A	Segmented memory
LMT/N5455A	Mask testing-limit
N8900A	InfiniiView oscilloscope analysis software

Options and accessories

Model	Description
BAT	Battery-power option
N2916B	Rackmount kit
N2914A	DSO to MSO upgrade for 100 MHz, 300 MHz
N2915A	DSO to MSO upgrade for 500 MHz, 1 GHz
ABA	English language option and manual
ABJ	Japanese language option and manual
AB2	Simplified and Traditional Chinese language option and manual



Get the same superior InfiniiVision in other form factors and price points to meet your needs.

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