

Keysight Active Probe Overview

InfiniiMax

- 1.5 to 7 GHz probe system
- supports both differential- and single-ended measurements for a more cost-effective solution
- support browsing, solder-in, and socketed use models at the maximum performance available



Model	Features	Ref Price
1130B	1.5 GHz probe amplifier	
1131B	3.5 GHz probe amplifier	
1132B	5 GHz probe amplifier	
1134B	7 GHz probe amplifier	

InfiniiMax I Amplifiers
1130B (>1.5 GHz)
1131B (>3.5 GHz)
1132B (>5 GHz)
1134B (>7 GHz)



Accessories

- N5450B Extreme Temp. Extension Cable
- N2880A In-Line Attenuators
- N2881A DC Blocking Capacitors

InfiniiMax I Probe Heads

- E2677B Diff. Solder-In
- E2678B Diff. Socketed
- E2679B Single-Ended Solder-In
- E2675B Diff. Browser
- E2676B Single-Ended Browser

InfiniiMax II Probe Heads

- N5425B ZIF
- N5381B Diff. Solder-In
- N2839A Diff. Browser
- N2851A QuickTip Head
- N5380B SMA
- MX0100A Micro
- MX0103A Bullet Adapter

InfiniiMax Soft-Touch Probe Head Interface Adapters

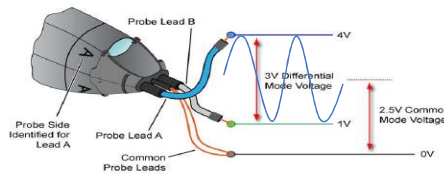
- N2888A Half-Channel Interface Adapter
- N2887A Interface Adapter

Model	Features	Ref Price
E2675B	InfiniiMax differential browser probe head	
E2677B	InfiniiMax differential solder-in probe head	
E2678B	InfiniiMax differential socketed probe head	
N2851A	QuickTip probe head (With N2849A)	
N2849A	QuickTip tips for N2851A (Qty:4)	
N5425B	Differential ZIF solder-in probe head	
N5426A	ZIF probe tips (Qty:10)	
N5451A	Long-wire ZIF probe tips	
N5450B	Extreme temperature extension cable	
N2880A	In-line attenuator (pair of 6dB, 12dB, & 20dB)	
N2881A	DC blocking caps (pair of 30 Vdc blocking cap)	
MX0100A	Micro probe head (Qty:5) (-55°C to 150°C)	

InfiniiMode

- InfiniiMode allows convenient measurement of differential, single-ended and common mode signals with a single probe tip without reconnecting the probe from its connection point.

A – B (differential)
A – ground (single-ended A)
B – ground (single-ended B)
(A+B)/2 – ground (common mode)



Model	Features	Ref Price
N2750A	InfiniiMode 1.5 GHz Differential Probe	
N2751A	InfiniiMode 3.5 GHz Differential Probe	
N2752A	InfiniiMode 6 GHz Differential Probe	



Differential browser
N2750A with N2776A



Solder-in tips
N2750A with N2777A



Socketed tips
N2750A with N2778A

Model	Features	Ref Price
N2776A	Differential browser tips (Qty:3)	
N2777A	InfiniiMode solder-in tips (Qty:3)	
N2778A	InfiniiMode socketed tips (Qty:3)	
N4822A	Ethernet/USB socketed tip fixture	

Power Rail Probe

- 2-GHz single-ended active probe for power rail noise measurement
- 1:1:1 attenuation ratio ensures low noise signal measurement
- ± 24 V of probe offset range enables effective elimination of DC component of a power supply

Model	Features	US Ref Price
N7020A	2 GHz Power Rail Probe	\$3,201



N7020A



N7021A Pigtail cable (included)



N7023A Browser (included)

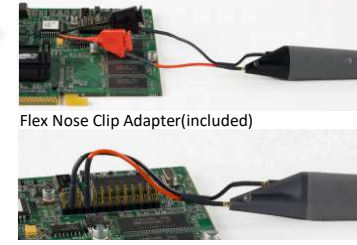
Single-Ended Active Probe

- High resistance (1 M Ω) and low capacitance (1 pF) input for low loading
- Wide input dynamic range (± 8 V) and offset range (± 12 V for N2796A, ± 8 V for N2795A)
- Built-in headlight
- Direct connection to AutoProbe interface (no power supply required)

Model	Features	Ref Price
N2795A	1 GHz Single-ended Active Probe (1M Ω , 1pF)	
N2796A	2 GHz Single-ended Active Probe (1M Ω , 1pF)	
N2797A	1.5 GHz Extreme Temp Active Probe (1M Ω , 1pF)	

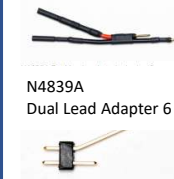


N2795A/96A



Flex Nose Clip Adapter(included)

Dual Lead Adapter N4841A(included)



N4839A
Dual Lead Adapter 6 cm



N4840A
Dual Lead Adapter 5 cm



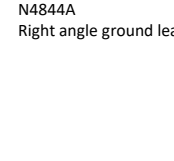
N4841A
Dual Lead Adapter 9 cm



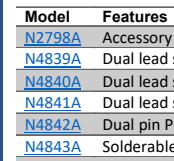
N4842A
Dual pin PCB header



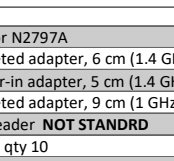
N4843A
Solderable tips, qty 10



N4844A
Right angle ground lead 5 cm



N4845A
Ground blade



N4846A
Offset ground

Model	Features	Ref Price
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N2798A	Accessory kit for N2797A	
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N4839A	Dual lead socketed adapter, 6 cm (1.4 GHz) NOT STANDRD	
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N4840A	Dual lead solder-in adapter, 5 cm (1.4 GHz) NOT STANDRD	
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N4841A	Dual lead socketed adapter, 9 cm (1 GHz)	
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N4842A	Dual pin PCB header NOT STANDRD	
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N4843A	Solderable tips, qty 10	
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N4844A	Right angle ground lead, 5 cm	
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N4845A	Ground blade	
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N4846A	Offset ground	
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N2797A 1.5 GHz Extreme Temp Active Probe

- Extreme temperature chamber testing at -40 to $+85$ °C
- High resistance (1 M Ω) and low capacitance (1 pF)
- Wide input dynamic range (± 8 V); offset range (± 12 V)