The Industry's Fastest Timing Capture with Deep Memory for Fast Digital System Debug

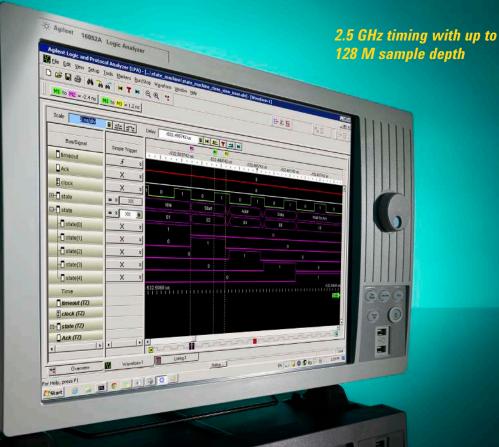## 16850 Series Portable Logic Analyzers

2.5 GHz timing with up to 128 M sample depth

2.5 GHz timing capture with up to 128 M samples

- See detailed timing even far away from the trigger point to distinguish timing issues from logical issues

Up to 1.4 GHz trigger sequencer speed

- Whether in timing or state mode, track your design operation with powerful, high speed triggering

Single-ended and differential probing

- A wide range of logic analyzer probing options supports many application signaling technologies

Model	16851A	16852A	16853A	16854A
Channels	34	68	102	136
Timing with deep memory	2.5 GHz (up to 128 M samples)			
Trigger sequencer	Up to 1.4 GHz			
Max state data rate	1.4 Gbps			
Timing zoom	12.5 GHz (256 k samples)			
Memory depth	2M standard, up to 128 M samples			
Probing	Single-ended/differential, flying lead, Mictor, Soft Touch, Samtec, BGA, DIMM			
Key applications	FPGA internal/external probing, DDR2/3 1333 Addr/Ctr, I/Q Vector			

Product specifications and descriptions in this document subject to change without notice.

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