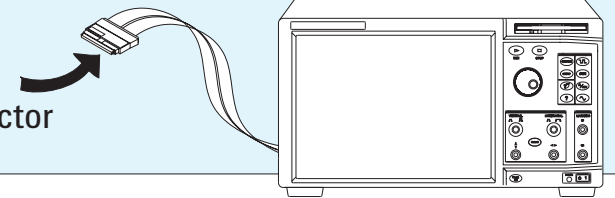




(Agilent models: 16950A, 16753A, 16754A, 16755A, 16756A, and 16760A)

90-pin connector

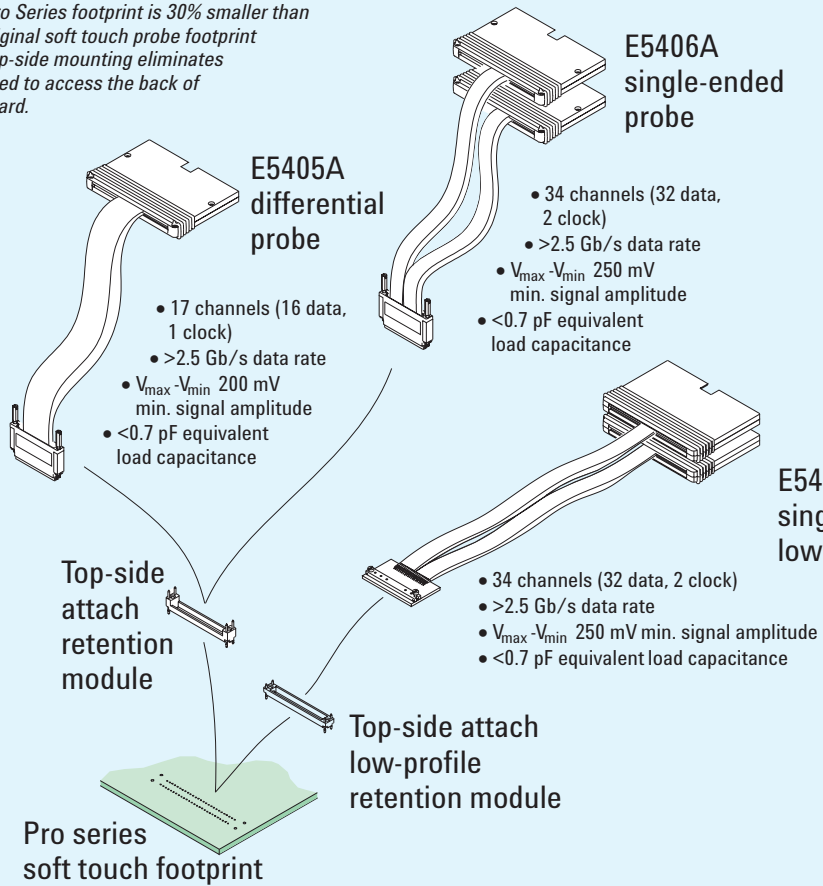


### Soft Touch Connectorless Probes

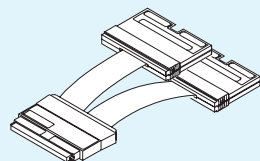
High-density probe with isolation network located at the probe tip. Quick connection to many channels in a small footprint without a connector designed into the target. Requires appropriate pro series soft touch or original soft touch footprint designed into the target system.

#### E5400 Pro Series

The Pro Series footprint is 30% smaller than the original soft touch probe footprint and top-side mounting eliminates the need to access the back of the board.



#### E5386A half-channel adapter

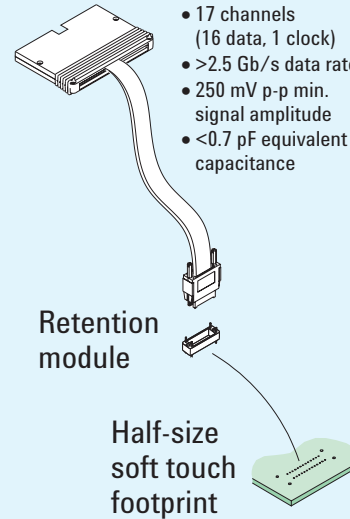


Reduces the number of probes and connectors required to run in half-channel mode when using the 16760A logic analyzer and the soft touch or Samtec probes. (Not compatible with the E5398A probe.)

### E5300-Series

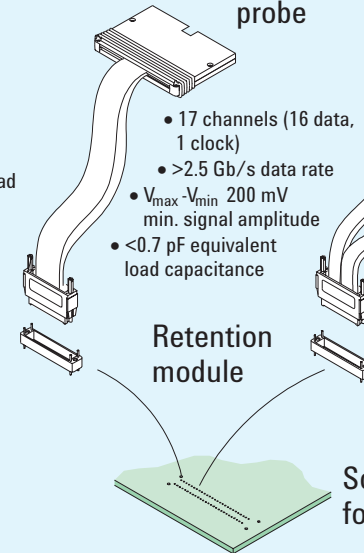
#### E5398A half-size single-ended probe

- 17 channels (16 data, 1 clock)
- >2.5 Gb/s data rate
- 250 mV p-p min. signal amplitude
- <0.7 pF equivalent load capacitance



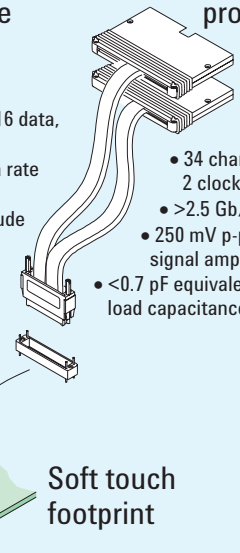
#### E5387A differential probe

- 17 channels (16 data, 1 clock)
- >2.5 Gb/s data rate
- $V_{max} - V_{min}$  200 mV min. signal amplitude
- <0.7 pF equivalent load capacitance



#### E5390A single-ended probe

- 34 channels (32 data, 2 clock)
- >2.5 Gb/s data rate
- 250 mV p-p min. signal amplitude
- <0.7 pF equivalent load capacitance

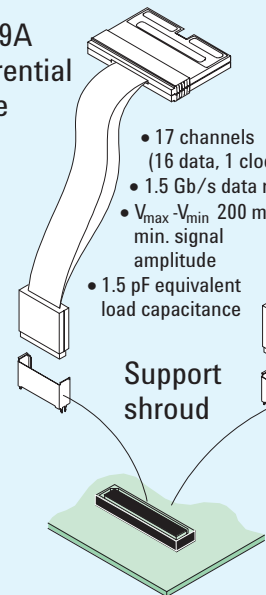


### Samtec Probes

High-density probe for 100-pin Samtec connector with isolation network located at the probe tip. Quick connection to many channels in a small footprint. Requires 100-pin Samtec connector designed into target system.

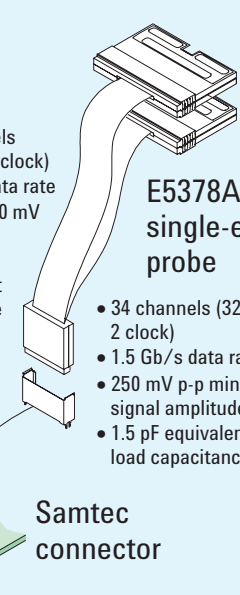
#### E5379A differential probe

- 17 channels (16 data, 1 clock)
- 1.5 Gb/s data rate
- $V_{max} - V_{min}$  200 mV min. signal amplitude
- 1.5 pF equivalent load capacitance



#### E5378A single-ended probe

- 34 channels (32 data, 2 clock)
- 1.5 Gb/s data rate
- 250 mV p-p min. signal amplitude
- 1.5 pF equivalent load capacitance



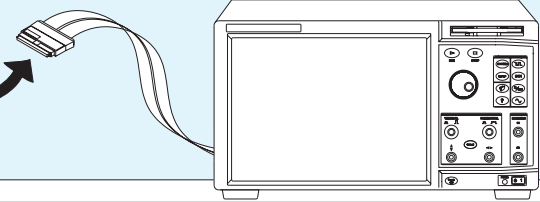


**Agilent Technologies**

# Probing solutions for a logic analyzer that has a 90-pin cable connector (continued)

(Agilent models: 16950A, 16753A, 16754A, 16755A, 16756A, and 16760A)

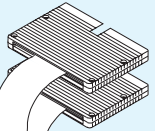
90-pin connector



## MICTOR Probe

High-density probe for 38-pin MICTOR connector with isolation network located at the probe tip. Quick connection to many channels in a small footprint. Requires 38-pin Mictor connector designed into the target system

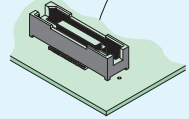
### E5380A single-ended probe



- 34 channels (32 data, 2 clock)
- 600 Mb/s data rate
- 300 mV p-p minimum signal amplitude
- 3.0 pF equivalent load capacitance

Support shroud

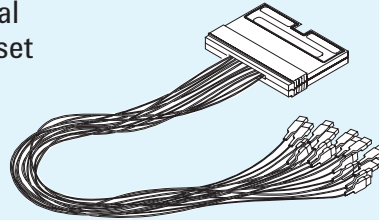
MICTOR connector



## General Purpose Probes and Accessories

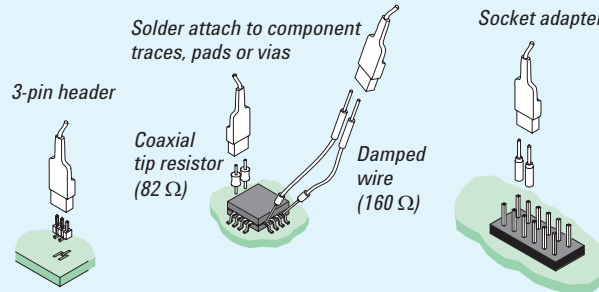
General-purpose flying lead set with isolation network located at the probe tip. Flexible connection to individual signals. Compatible with a wide assortment of accessories.

### E5381A differential flying lead probe set

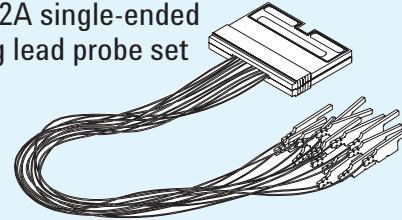


- 17 channels (16 data, 1 clock)
- 1.5 Gb/s data rate
- $V_{max} - V_{min}$  200 mV min. signal amplitude
- 0.9 pF equivalent load capacitance

#### Included Accessories

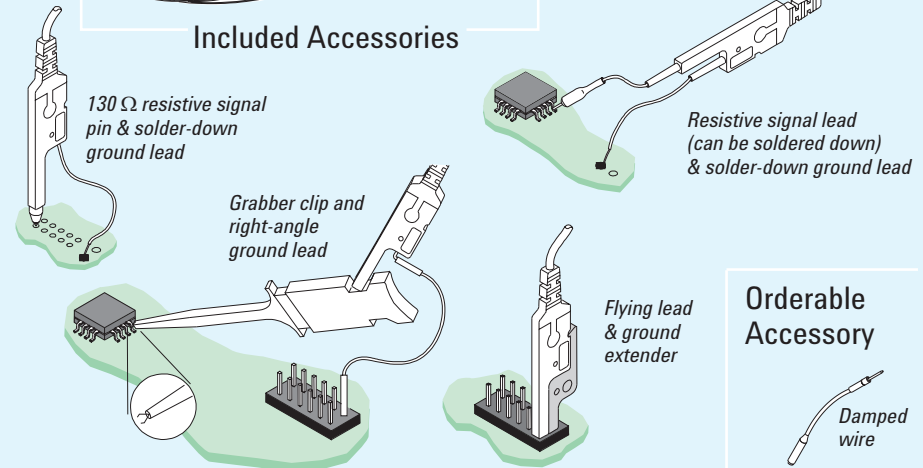


### E5382A single-ended flying lead probe set



- 17 channels (16 data, 1 clock)
- 1.5 Gb/s data rate
- 250 mV p-p min. signal amplitude
- 1.3 pF equivalent load capacitance

#### Included Accessories



#### Orderable Accessory

For the latest information on probe compatibility with a given logic analyzer, go to [www.agilent.com/find/logic\\_analyzer\\_probes](http://www.agilent.com/find/logic_analyzer_probes).

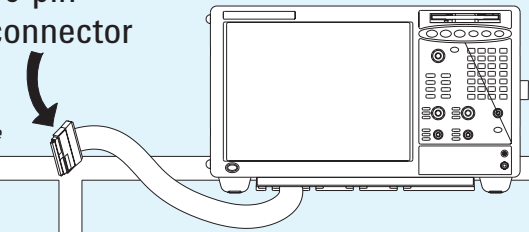
For more detailed probing information, see Probing Solutions for Logic Analysis Systems (publication 5968-4632E), also available at [www.agilent.com/find/logic\\_analyzer\\_probes](http://www.agilent.com/find/logic_analyzer_probes).



## Probing solutions for a logic analyzer that has a 40-pin cable connector

Modules: 16910/11A, 16750/51/52 (A/B), 16740 Series, 16715/16/17/18/19A, 16710/11/12A, All 165xx  
Standalone: 1680 Series, 1670 Series, 1660 Series, 1650 Series PC-hosted logic analyzers: 1690 Series, E9340A Logic Wave

40-pin connector



### Soft Touch Connectorless Probe

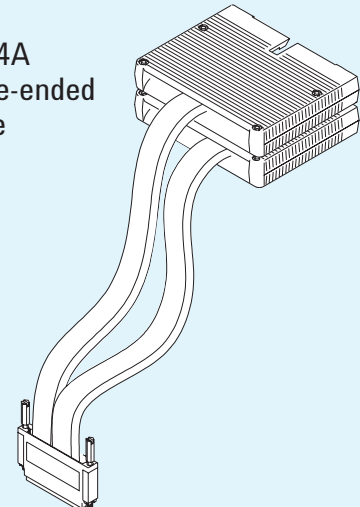
High-density probe with isolation network located at the probe tip. Quick connection to many channels in a small footprint without a connector designed into the target. Requires appropriate pro series soft touch or original soft touch footprint designed into the target system.

#### E5400 Pro Series

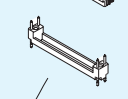
The Pro Series footprint is 30% smaller than the original soft touch probe footprint and top-side mounting eliminates the need to access the back of the board.

##### E5404A single-ended probe

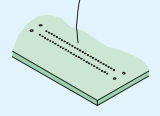
- 34 channels (32 data, 2 clock)
- >2.5 Gb/s data rate
- 500 mV p-p min. signal amplitude
- <0.7 pF equivalent load capacitance



Top-side mount retention module



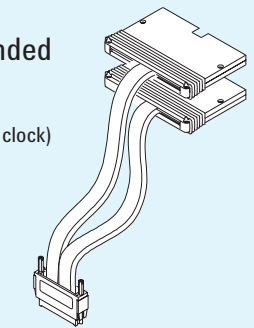
Pro series soft touch footprint



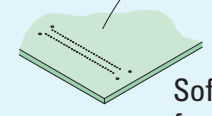
#### E5300-Series

##### E5394A single-ended probe

- 34 channels (32 data, 2 clock)
- >2.5 Gb/s data rate
- 500 mV p-p minimum signal amplitude
- <0.7 pF equivalent load capacitance



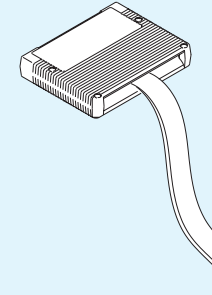
Retention module



Soft touch footprint

##### E5396A half-size single-ended probe

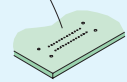
- 17 channels (16 data, 1 clock)
- >2.5 Gb/s data rate
- 500 mV p-p min. signal amplitude
- <0.7 pF equivalent load capacitance



Retention module



Half-size soft touch footprint

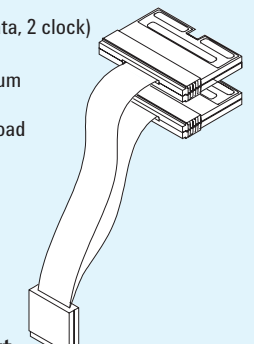


### Samtec Probe

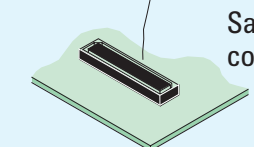
High-density probe for 100-pin Samtec connector with isolation network located at the probe tip. Quick connection to many channels in a small footprint. Requires 100-pin Samtec connector designed into target system.

#### E5385A single-ended probe

- 34 channels (32 data, 2 clock)
- 1.5 Gb/s data rate
- 500 mV p-p minimum signal amplitude
- 1.5 pF equivalent load capacitance



Support shroud



Samtec connector

For the latest information on probe compatibility with a given logic analyzer, go to [www.agilent.com/find/logic\\_analyzer\\_probes](http://www.agilent.com/find/logic_analyzer_probes).

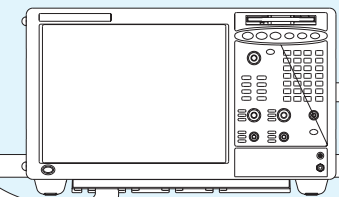
For more detailed probing information, see Probing Solutions for Logic Analysis Systems (publication 5968-4632E), also available at [www.agilent.com/find/logic\\_analyzer\\_probes](http://www.agilent.com/find/logic_analyzer_probes).



## Probing solutions for a logic analyzer that has a 40-pin cable connector (continued)

Modules: 16910/11A, 16750/51/52 (A/B), 16740 Series, 16715/16/17/18/19A, 16710/11/12A, All 165xx  
Standalone: 1680 Series, 1670 Series, 1660 Series, 1650 Series PC-hosted logic analyzers: 1690 Series, E9340A Logic Wave

40-pin connector



### MICTOR Probes

High-density probe for 38-pin MICTOR connector with isolation network located at the probe tip unless noted otherwise. Quick connection to many channels in a small footprint. Requires 38-pin MICTOR connector designed into target system.

#### E5346A single-ended probe

- 34 channels (32 data, 2 clock)
- Data rate of logic analyzer
- 500 mV p-p minimum signal amplitude
- 3.0 pF equivalent load capacitance

#### E5339A single-ended probe

- Low-voltage applications
- 34 channels (32 data, 2 clock)
- Data rate of logic analyzer
- 250 mV p-p min. signal amplitude
- 3.0 pF equivalent load capacitance

#### E5351A single-ended probe

- Requires isolation network on target
- 34 channels (32 data, 2 clock)
- Data rate of logic analyzer
- 500 mV p-p minimum signal amplitude
- 3.0 pF equivalent load capacitance

Support shroud

Support shroud

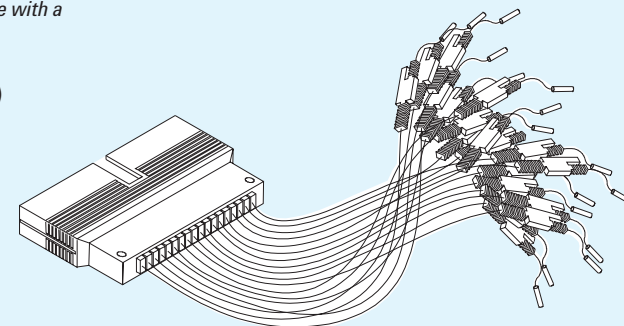
MICTOR connector

### General Purpose Probe

General-purpose flying lead set with isolation network located at the probe tip. Flexible connection to individual signals. Compatible with a wide assortment of separately orderable accessories.

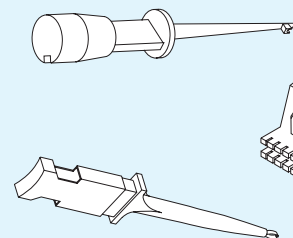
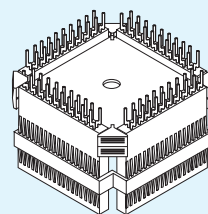
#### E5383A single-ended flying lead probe

- 17 channels (16 data, 1 clock)
- 600 mV p-p min. signal amplitude
- 1.5 pF equivalent load capacitance

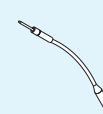


### Orderable Accessories

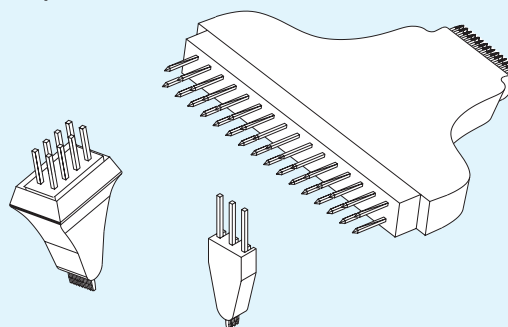
#### IC Clips



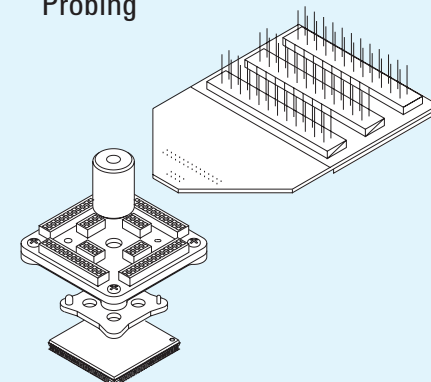
Damped Wire



#### Wedge Adapters



#### QFP Package Probing



For the latest information on probe compatibility with a given logic analyzer, go to [www.agilent.com/find/logic\\_analyzer\\_probes](http://www.agilent.com/find/logic_analyzer_probes).

For more detailed probing information, see Probing Solutions for Logic Analysis Systems (publication 5968-4632E), also available at [www.agilent.com/find/logic\\_analyzer\\_probes](http://www.agilent.com/find/logic_analyzer_probes).

