

FuturePlus Systems



DIMM Probe

*DIMM Bus Probe and Extender Card
for use with HP Logic Analyzers*

Features

- Quick and easy connection between the DIMM connector and HP Logic Analyzers
- Complete and accurate 500 MHz or 4 GSa/s timing analysis
- Also acts as an extender card for DIMM under test
- Uses new HP High Density Termination Adapter (also available from FuturePlus Systems)

Description

The FSDIMPEA DIMM (Dual Inline Memory Module) Probe is both an DIMM bus probe and extender card. Quickly begin characterizing your DIMM's by inserting the DIMM Probe into your 168-pin DIMM slot, then install a DIMM to be tested in the socket on top of the DIMM Probe. Attach your HP logic analyzer pods, load the appropriate logic analyzer configuration file and you are ready to begin analysis.

Accurate Timing Analysis

The DIMM Probe brings bus signals to your HP logic analyzer via controlled impedance cables for an easy connection while maintaining signal fidelity. When the HP E5346A High Density Termination Adapter is connected to the DIMM Probe (3 required), you have a reliable and quick direct logic analyzer connection for 500 MHz timing analysis. Another version allows you to easily connect the HP 4 GSa/s High Speed Timing Analyzer.

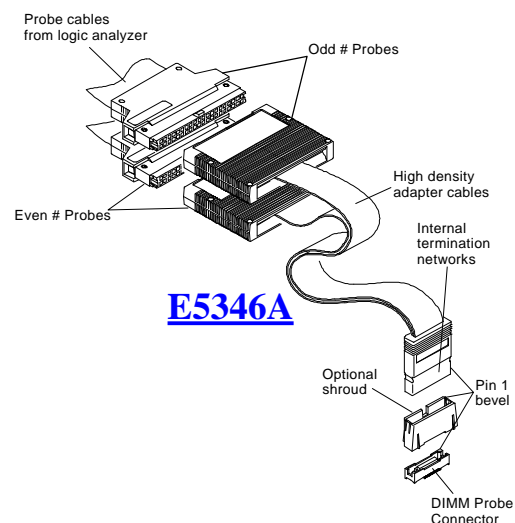
DIMMs Supported

The FSDIMPEA DIMM Probe supports 72-bit, 168-pin ECC, unbuffered SDRAM DIMMs.

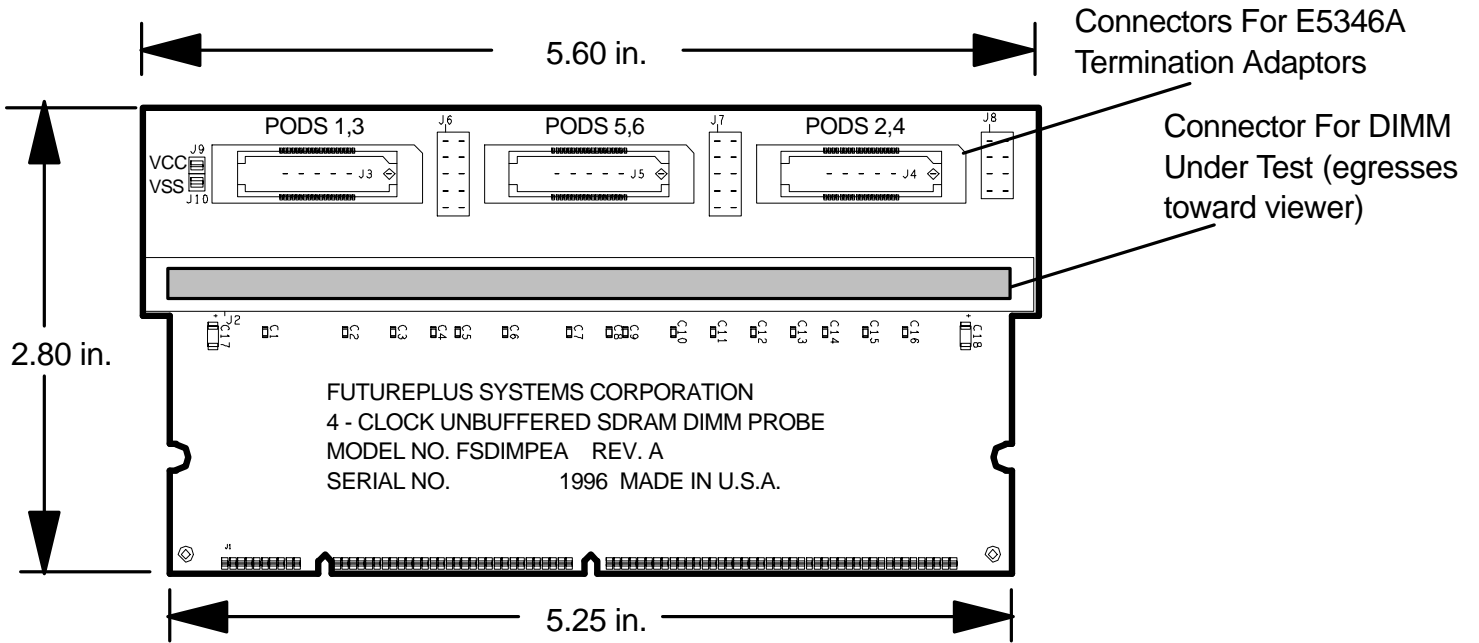
HP Logic Analyzers Supported

Up to 6 logic analyzer PODS are required

- HP 16505A Prototype Analyzer (requires 16500B/C)
- HP 16517A/518A (16 to 80 channels)
- HP 16550A (6 pods)
- HP 16554A, 16555A/D, 16556A/D (4 pods)
- HP 1660A/C, 1661A/C, 1662A/C, 1663A/C (8,6,4,2 pods)
- HP 1670A/D, 1671A/D, 1672A/D (8,6,4 pods)



Drawing - FSDIMPEA



Product Summary

FSDIMPEA.....DIMM Probe and Extender Card
 E5346A.....HP logic analyzer High Density Termination Adapter (3 req. per DIMM Probe)
 E5346-60002.....HP High Speed Timing Analyzer High Density Adapter (3 req. per DIMM Probe)

We offer excellent technical support and quick delivery.

Ask about The Bus Analyzer, our free customer support newsletter!

FuturePlus Systems

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