

# FBDIMM Validation DIMM Analysis Probe – FS2340

## Quick Start Instructions

1. Logic Analyzer – It is recommended that 16753/4/5/6 cards be used because of their superior setup/hold performance and signal loading characteristics. The 167xx should have operating system version A.02.80.00 for 4 card state dual sample configuration. 169xx analyzer should have A.03.00.00 system software or higher.

2. Select and load the appropriate configuration file based on your logic analyzer and measurement need:

167xx Analyzer	169xx Analyzer	File Name	Comments
16753/4/5/6	16753/4/5/6, 1695x	DR240_1	2 Cards, one analyzer, timing analysis
16753/4/5/6	16753/4/5/6, 1695x	DR240_2	4 Cards, Dual Sample mode, one analyzer, state analysis
16753/4/5/6	16753/4/5/6, 1695x	DR240_3	1 card, one analyzer Address Eyescan/Eyefinder
16753/4/5/6	16753/4/5/6, 1695x	DR240_4	2 Cards, one analyzer, Data Eyescan/Eyefinder

3. Connect the probe to the adapter cables (E5378A or FS1026) based on the configuration file used and the following table:

Probe Connections	DR240_1	DR240_2	DR240_3	DR240_4
J11 odd	Pod D1	Pod C1	Pod D1	
J11 even	Pod E4	Pod C3		Pod D1
J12 odd	Pod D3	Pod E1		Pod D2
J12 even	Pod D4	Pod E3		Pod D3
J13 odd	Pod E1	Pod D1		Pod D4
J13 even	Pod E2	Pod D3		Pod E1
J14 odd	Pod E3	Pod B1		Pod E2
J14 even	Pod D2	Pod C2	Pod D2	

For 169xx users refer to “define probes” section of the configuration file for analyzer connections.

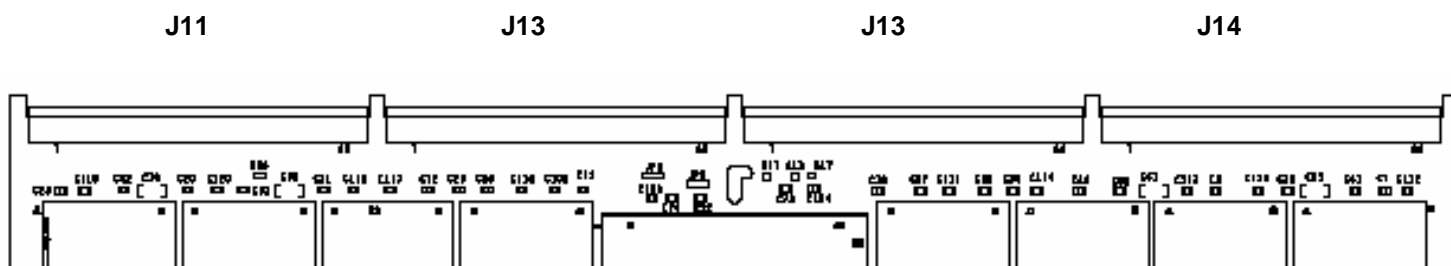
3. A Protocol Decoder is optional with this product. Refer to instructions provided with the FS1123 ( for 167xx analyzer) or FS1124 ( for 1690x analyzer) for installation instructions.

4. If you are doing timing analysis you are set to capture data without further set up once the timing configuration file is loaded. If you are doing state analysis you must adjust the setup and hold settings to capture data properly. Please consult the FS2340 manual on adjusting the setup and holds properly.

5. Once the setup and holds are calibrated per the User Manual you are ready to capture data using state analysis.

**Using EyeScan – see the User Manual for instructions.**

**Probe Connections – From the AMB side (front) of the board**



**For Technical Support call 603-471-2734**  
**For Sales information call 719-278-3540**  
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