

# DEMO MANUAL DC1321

ADC Logic Probe Adapter Board

### DESCRIPTION

Demonstration circuit 1321 allows a logic analyzer to be directly connected to a DC890 compatible ADC demo circuit for capturing data. DC1321A-B has  $100\Omega$  termination resistors installed, for use with LVDS output ADCs and logic analyzer inputs that do not have termination. DC1321A-A has no termination resistors installed, for use with CMOS

output ADCs or with LVDS output ADCs, should the logic analyzer have built-in termination.

Design files for this circuit board are available at http://www.linear.com/demo/DC1321

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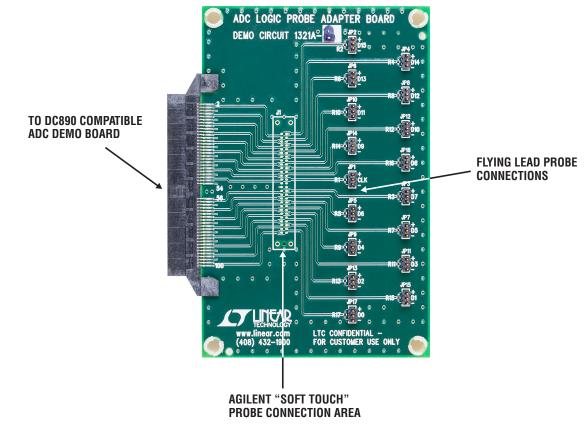


Figure 1. DC1321



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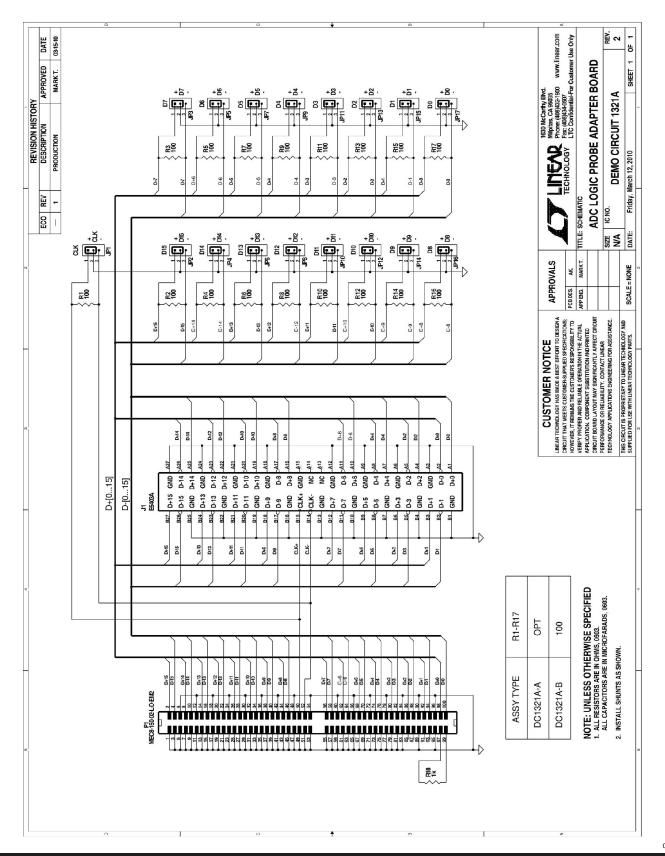
## **PARTS LIST**

ITEM	QTY	REFERENCE	PART DESCRIPTION	MANUFACTURER/PART NUMBER
1	1	P1	SOCKET, 0.8MM DUAL EDGE MOUNT	SAMTEC, MEC8-150-02-L-D-EM2 (PbF)
2	17	JP1-JP17	HEADER, 3×1 .050" PIN SPACING	SAMTEC, HTMS-103-02-S-S (PbF)
3	1	R18	RES., CHIP 1k 5% 0402	VISHAY, CRCW04021K00JNED
4	4	FOR 4 CORNERS	STAND-OFF, NYLON (SNAP ON), 0.625" TALL	KEYSTONE, 8834 (PbF)
DC1321A-A			· ·	·
5	0	R1-R17	OPT	
DC1321A-B				•
5	17	R1-R17	RES., CHIP 100Ω 5% 0402	VISHAY, CRCW0402100RJNED





### SCHEMATIC DIAGRAM



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DEMO MANUAL DC1321

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