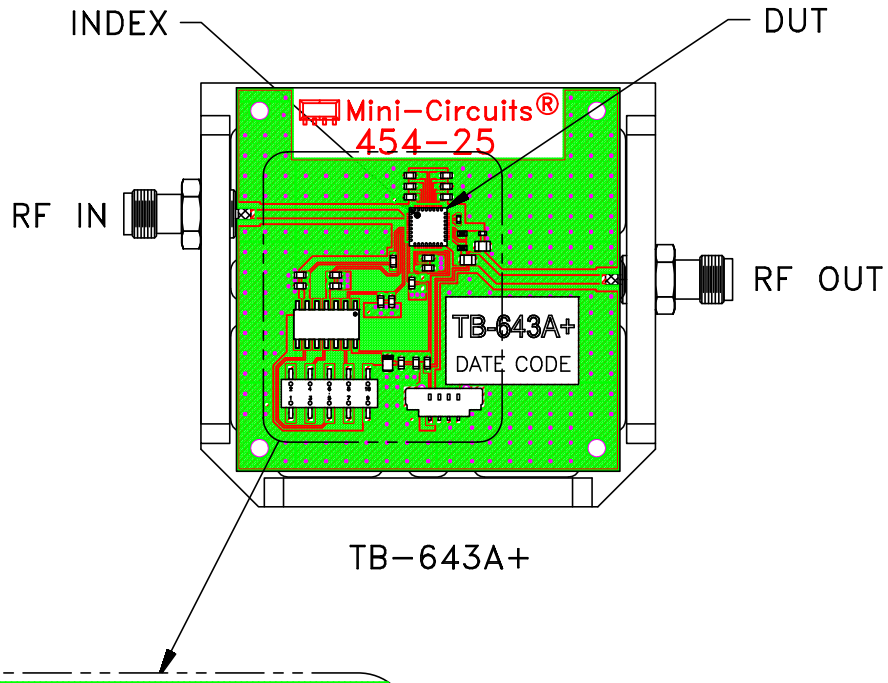
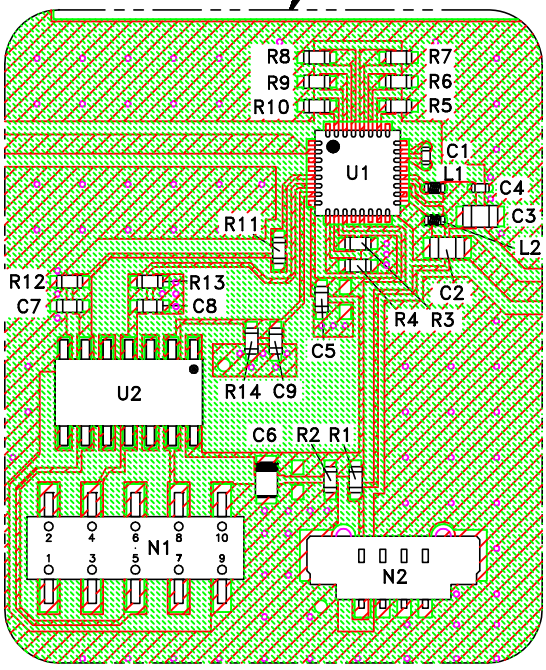
Evaluation Board and Circuit





COMPONENT	VALUE/ PART NUMBER	SIZE
U1	DVGA1-242A+	-
U2	Hex Inverting Schmitt Trigger	-
C1, C4	100 pF	.04 X .02
C2	100 pF	.08 X .05
C3	1 uF	.08 X .05
C5, C7-C9	100 pF	.06 X .03
C6	.47 uF	.08 X .05
L1	36 nH	.04 X .02
L2	47 nH	.04 X .02
R1	475 Ohm	.06 X .03
R2	681 Ohm	.06 X .03
R3-R14	10 KOhm	.06 X .03
TEST CABLE 1	B66-23+	-
TEST CABLE 2	B66-25+	-

Notes:

1. Test cables for "N1" and "N2" are included in TB-643+.
2. The test software is available at:
   Mini-Circuits website: http://www.minicircuits.com/support/software_download.html
   Software name: "Digitel Step Attenuator & DVGA".
3. 50 Ohm SMA Female connectors.
4. PCB Material: FR4 or equivalent,
   Dielectric Constant=4.6, Thickness=.024 inch.

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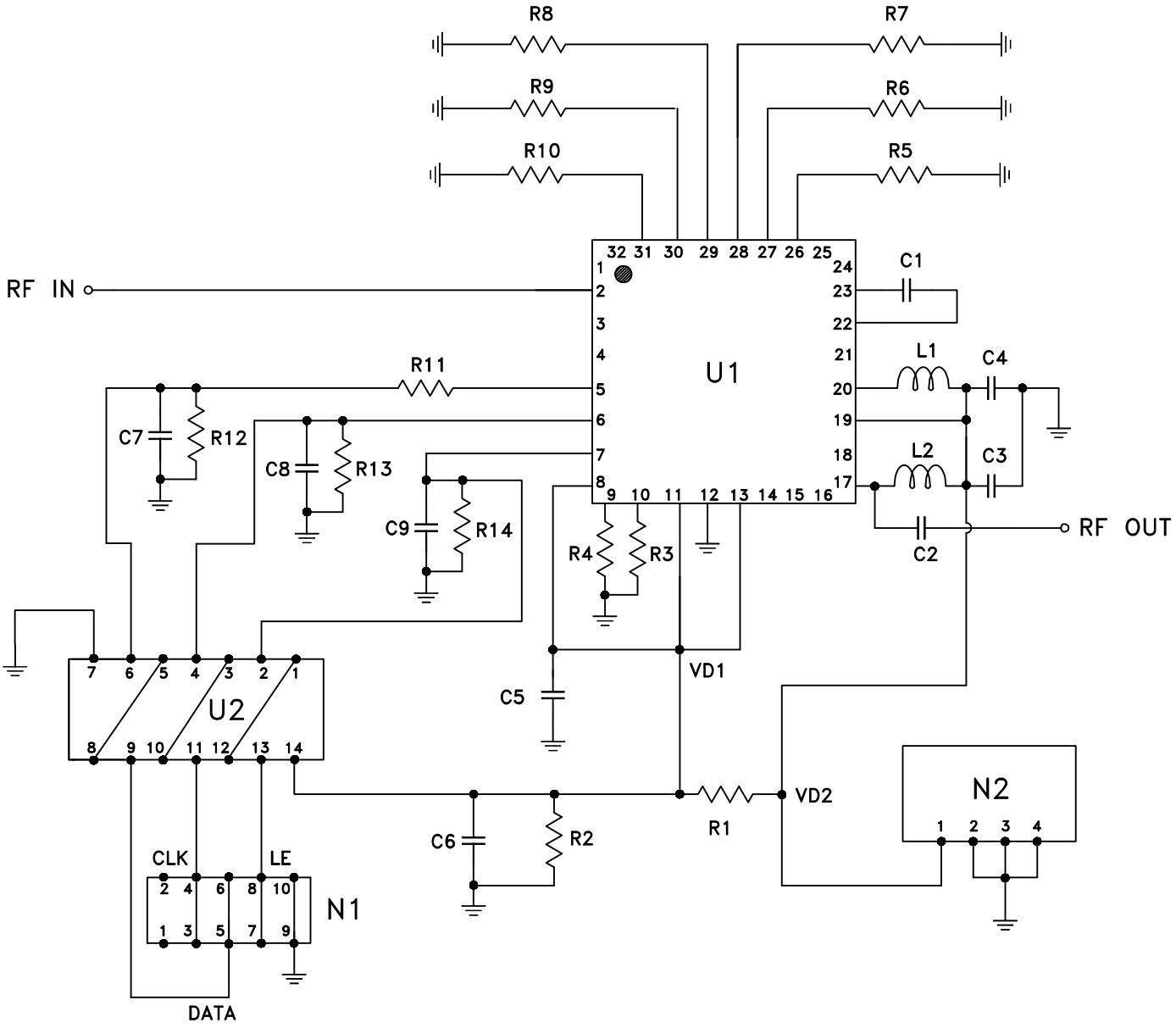

Schematic Diagram