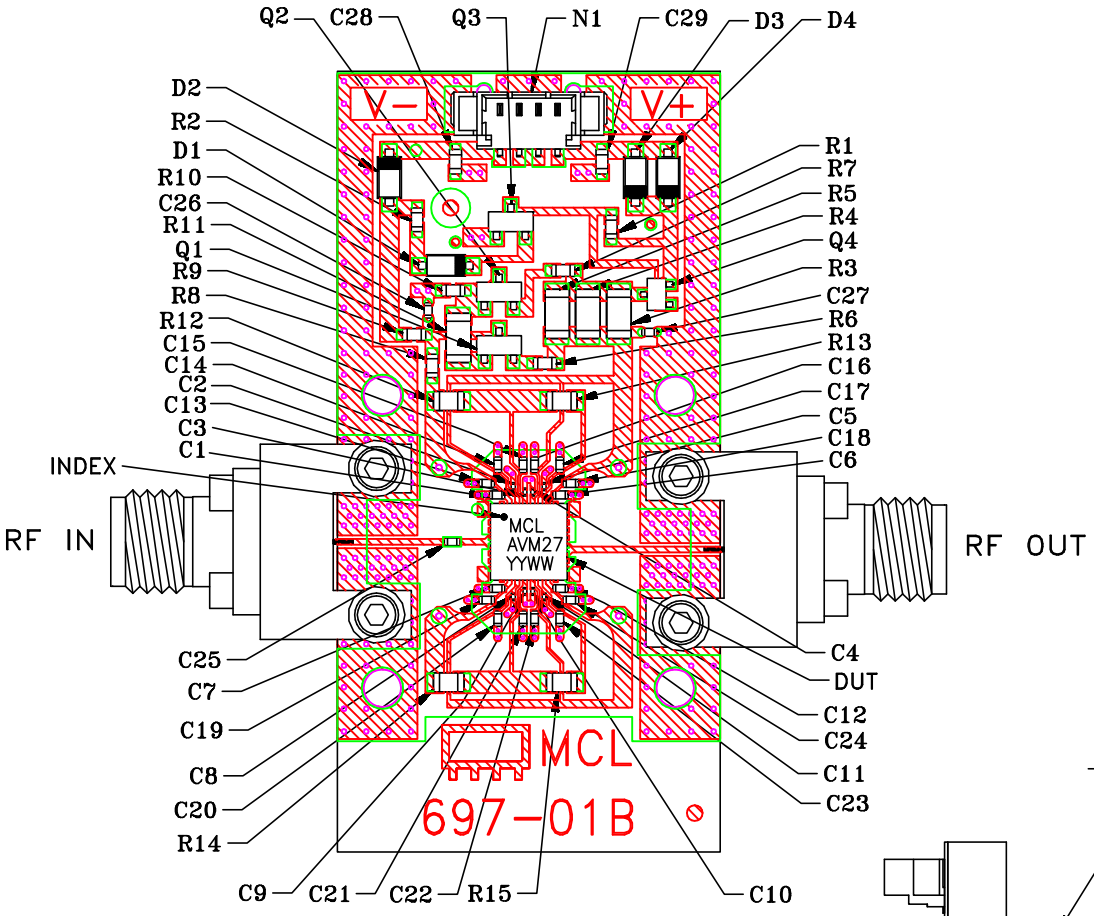
Evaluation Board and Circuit

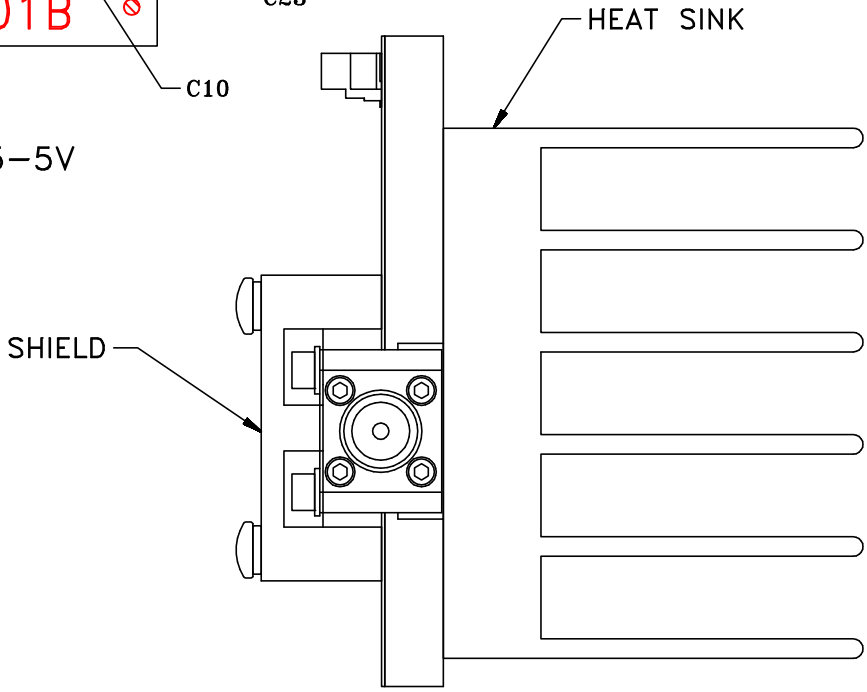
TOP VIEW

SEE NOTE1



TB−715−5V

SIDE VIEW



Notes:

1. Shield is not shown on the top view for clarity.
2. Test cable for "N1" is included in TB−715−5V.
3. 50 Ohm 2.92 mm End Launch Female connectors.
4. PCB Material: RO4350 or equivalent, Dielectric Constant=3.5, Thickness=.0066 inch.

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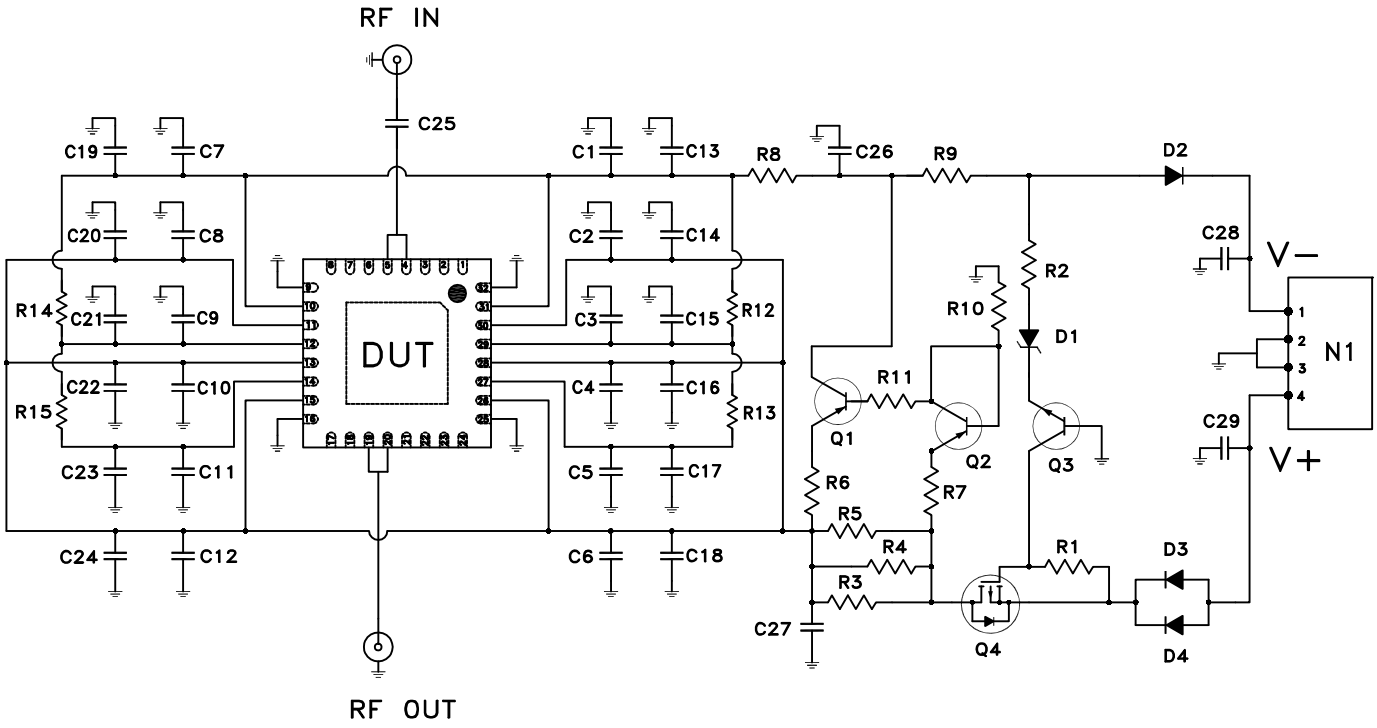

Schematic Diagram

COMPONENT	VALUE/ PART NUMBER	SIZE
DUT	AVM−273HP+	−
N1	CONN VERTICAL HEADER 4 POS	−
Q1,Q2	PNP TRANSISTOR	−
Q3	NPN TRANSISTOR	−
Q4	MOSFET TRANSISTOR	−
D1	DIOD ZENER 3.9V	−
D2−D4	DIOD SCHOTTKY	−
C1,C6,C7,C12−C24	.1 uF	.04 X .02
C2−C5,C8−C11	470 pF	.02 X .01
C25	.1 uF	.04 X .02
C26,C27	100 pF	.04 X .02
C28,C29	1 uF	.06 X .03
R1,R2,R9,R10	10 KOhm	.06 X .03
R3−R5	3.32 Ohm	.12 X .06
R6	100 Ohm	.06 X .03
R7	1.5 KOhm	.06 X .03
R8	1.0 KOhm	.06 X .03
R11	0 Ohm	.12 X .06
R12−R15	0 Ohm	.08 X .05
TEST CABLE	B66−225+M	−

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