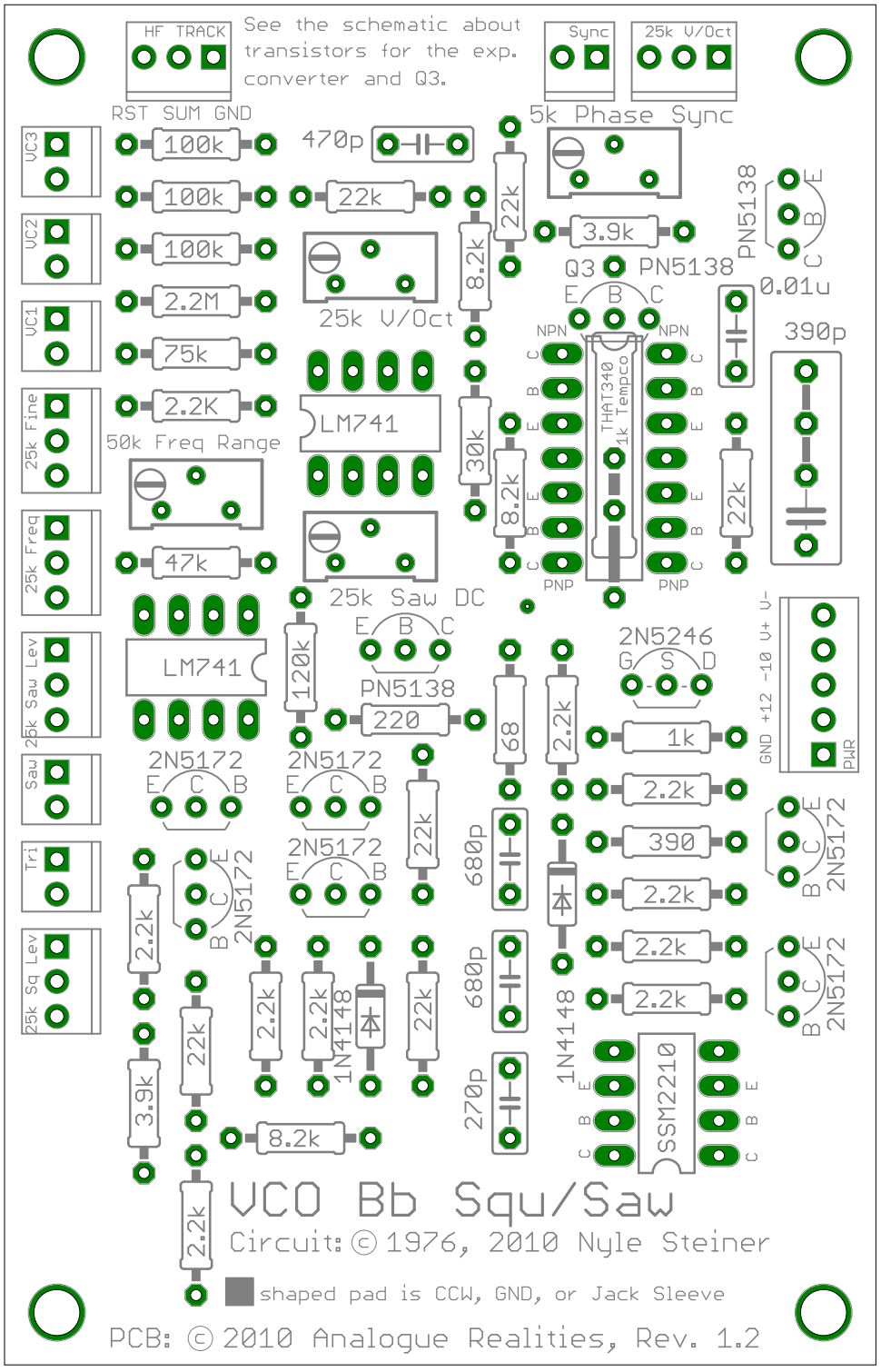
HF TRACK
See the schematic about transistors for the exp. converter and Q3.
Sync
25k V/Oct
RST SUM GND
5k Phase Sync
VC3
VC2
VC1
25k Fine
25k Freq
25k Saw Lev
Saw
Tri
25k Sq Lev
100k
100k
100k
2.2M
75k
2.2K
470p
22k
8.2k
22k
3.9k
PN5138
Q3 PN5138
0.01u
390p
25k V/Oct
LM741
50k Freq Range
47k
30k
8.2k
THAT340 1k Tempco
NPN
PNP
22k
25k Saw DC
LM741
120k
PN5138
220
68
2.2k
2N5246
GND +12 -10 V+ V-
PWR
1k
2.2k
390
2.2k
2.2k
2.2k
2N5172
2N5172
2N5172
2N5172
2N5172
2N5172
2.2k
22k
680p
680p
270p
1N4148
1N4148
SSM2210
3.9k
22k
8.2k
2.2k
VCO Bb Squ/Saw
Circuit: © 1976, 2010 Nyle Steiner
shaped pad is CCW, GND, or Jack Sleeve
PCB: © 2010 Analogue Realities, Rev. 1.2