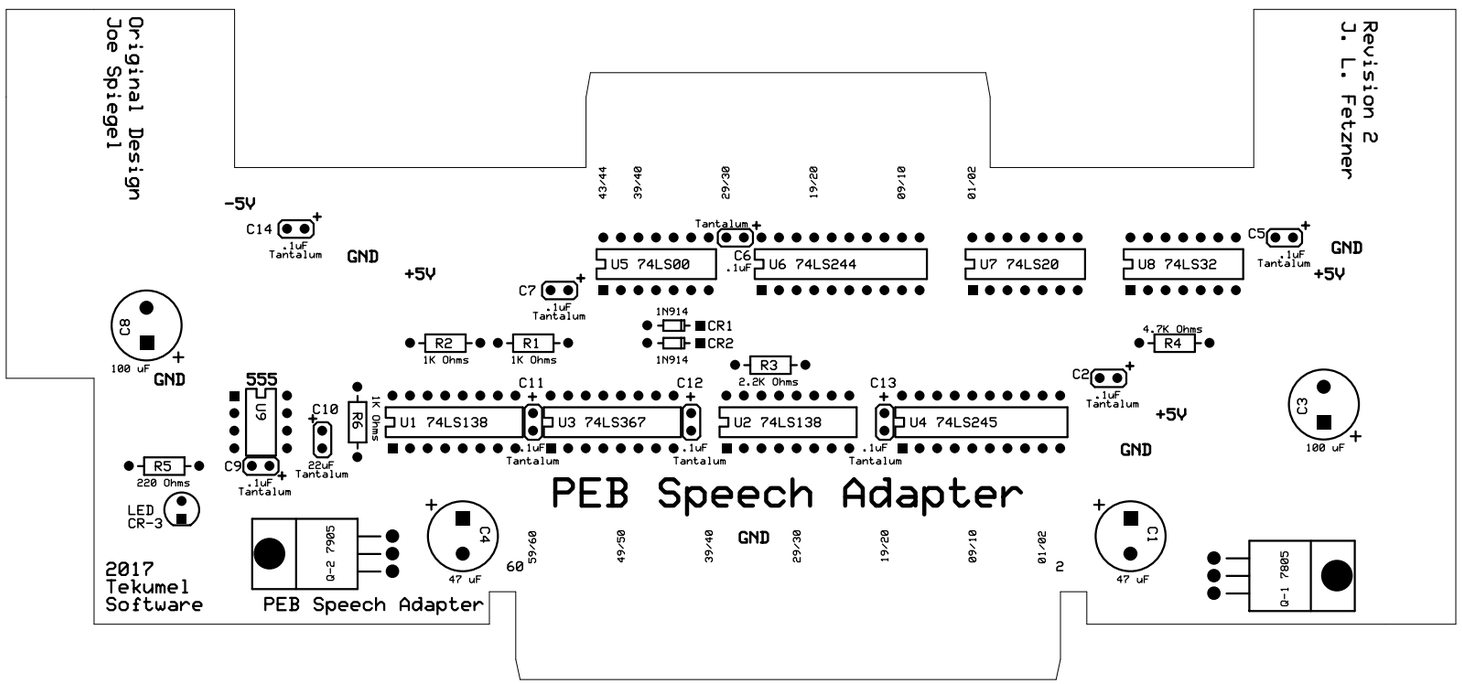

Original Design
Joe Spiegel
Revision 2
J. L. Fetzner
-5V
C14
.1uF
Tantalum
GND
+5V
43/44
39/40
29/30
19/20
09/10
01/02
Tantalum
C6
.1uF
U5 74LS00
U6 74LS244
U7 74LS20
U8 74LS32
C5
.1uF
Tantalum
GND
+5V
C7
.1uF
Tantalum
1N914
CR1
CR2
1N914
R2
1K Ohms
R1
1K Ohms
R3
2.2K Ohms
4.7K Ohms
R4
C8
100 uF
GND
555
U9
C10
22uF
Tantalum
R6
1K Ohms
C11
C12
C13
U1 74LS138
U3 74LS367
U2 74LS138
U4 74LS245
.1uF
Tantalum
C2
.1uF
Tantalum
+5V
GND
C3
100 uF
R5
220 Ohms
C9
.1uF
Tantalum
PEB Speech Adapter
LED
CR-3
C4
47 uF
60
59/60
49/50
39/40
GND
29/30
19/20
09/10
01/02
2
C1
47 uF
D-2 7805
D-1 7805
2017
Tekumel
Software
PEB Speech Adapter