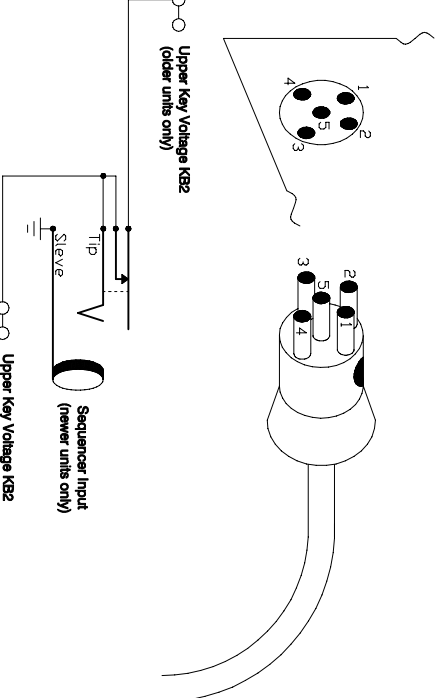
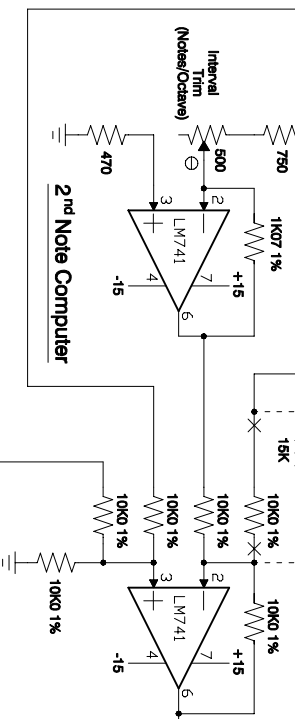
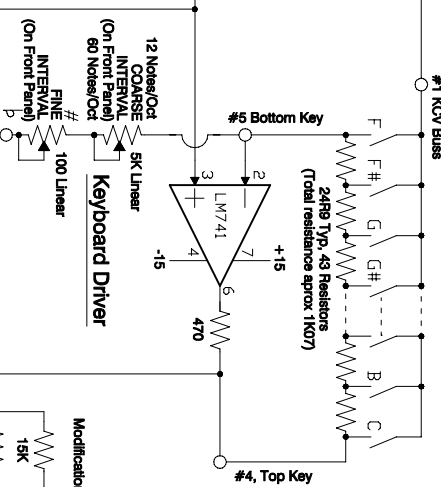
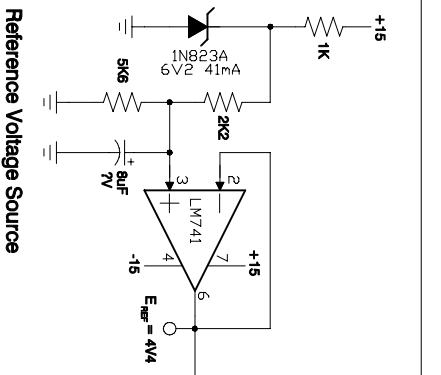


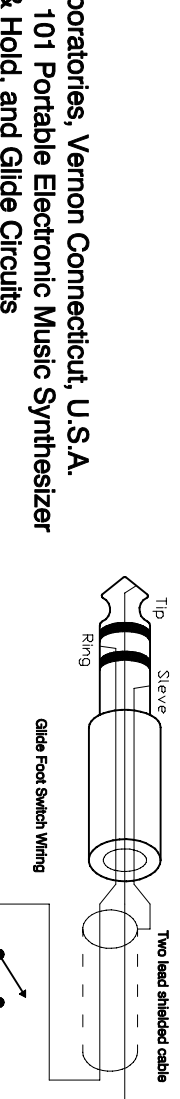
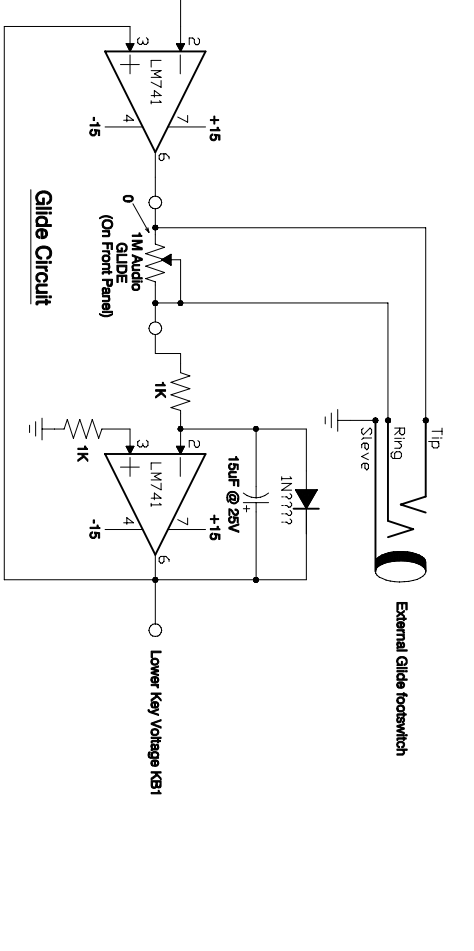
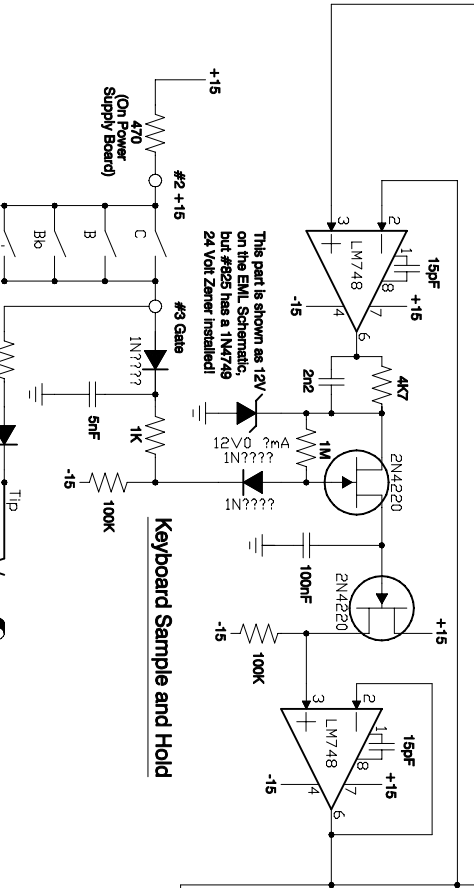
This is a rough draft of the first ever ElectroComp 100/101 service manual. I am trying to do this with no time to do it in, so it is very slow. I have tried to make the pages so they print on either American "A" size or Euro "A4" size paper. Many of the modules have not been digitized yet, since I basically have to place each component on the paper and connect it up and label it. The result is perfectly legible text, especially when blown up! Enjoy!

David Hillel Wilson
Curator
New England Synthesizer Museum
DWilSynth@aol.com
www.synthmuseum.com/nesm

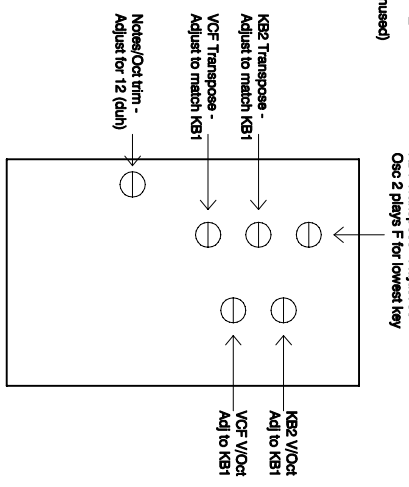
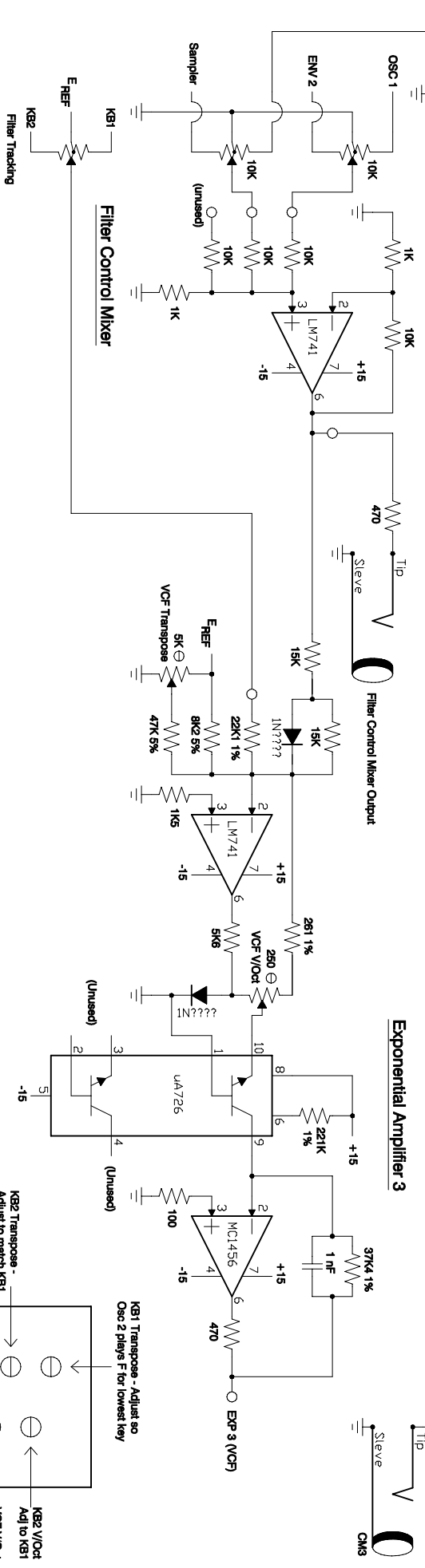
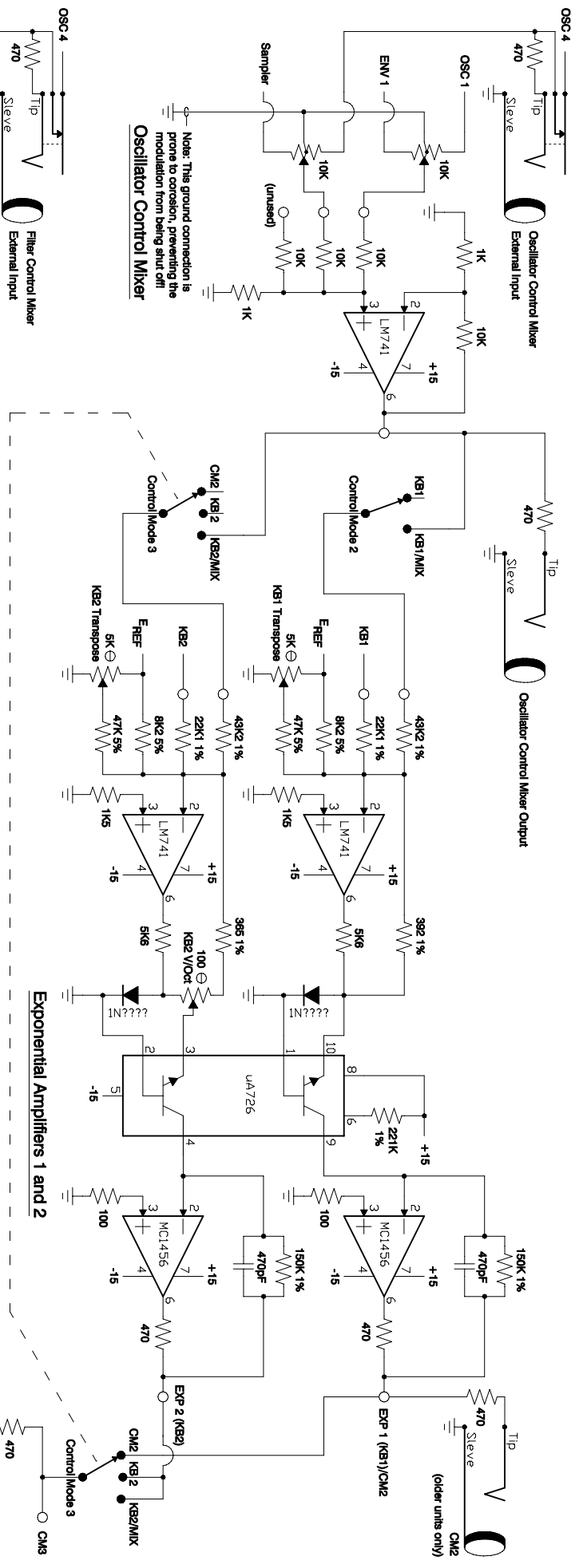
Special thanks to AutoDESK for donating AutoCAD.
Special thanks to Jeff J. Murray (former co-owner of EML) for supplying some of the EML schematics.
Special thanks to an unnamed dealer for supplying other EML schematics.



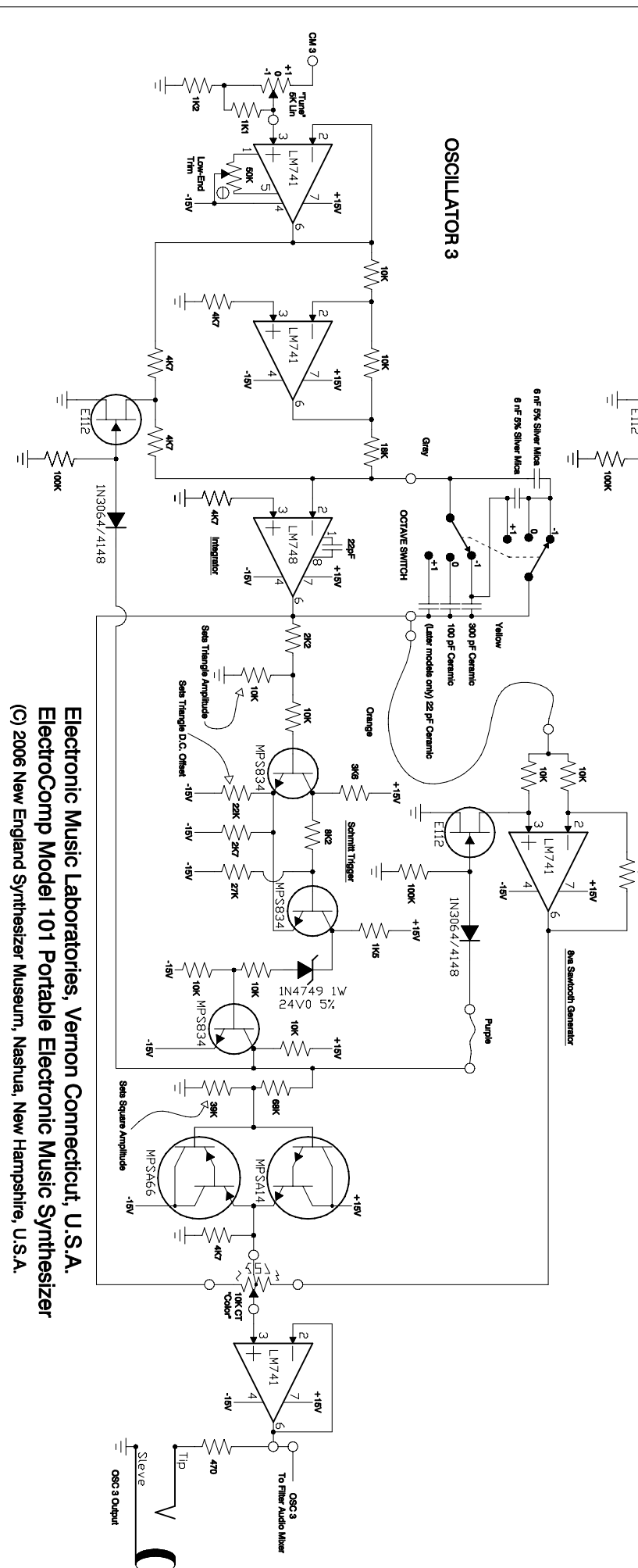
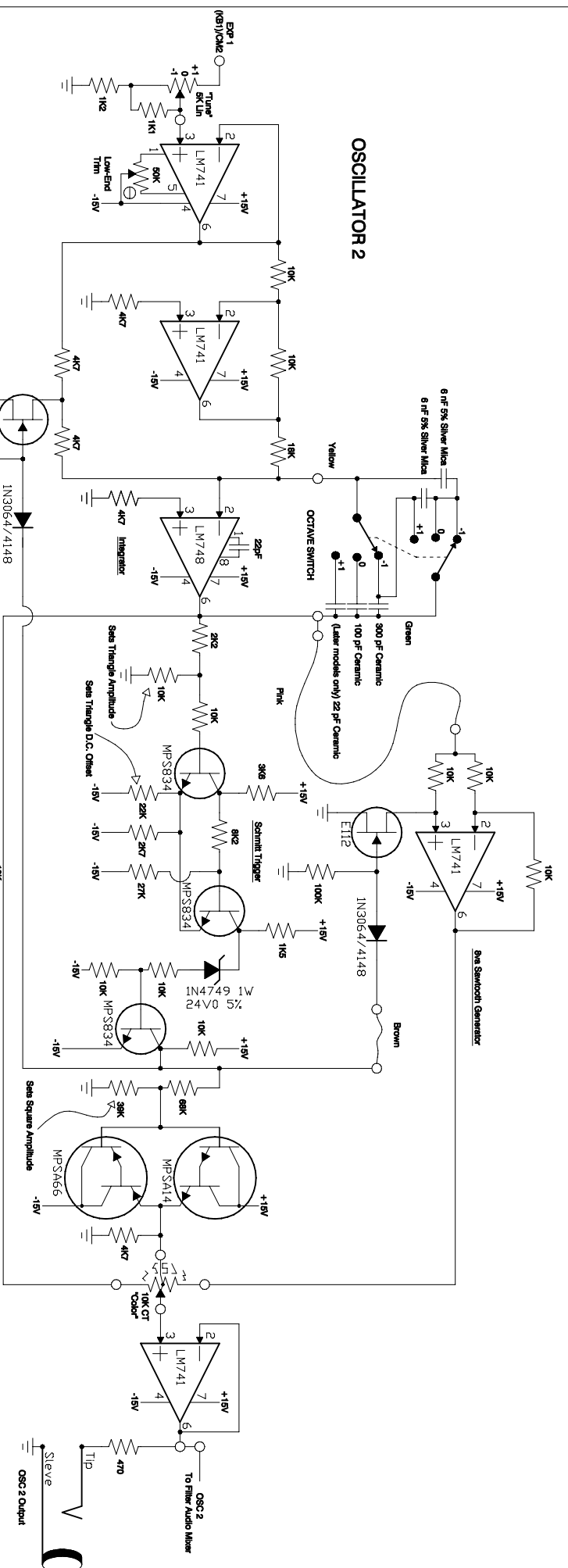
Keyboard Color	Main Board Color	Function
#2 Green	Blue (Red)	+15 Volt (through 470 Ohms) Keyboard Sample Buss
#1 White	White (Pink)	Keyboard Sample Buss
#5 Black	Orange	Bottom of resistor chain
#4 Brown	Grey	Top of resistor chain
#3 Red	Brown	Gate Buss (switches to #2)



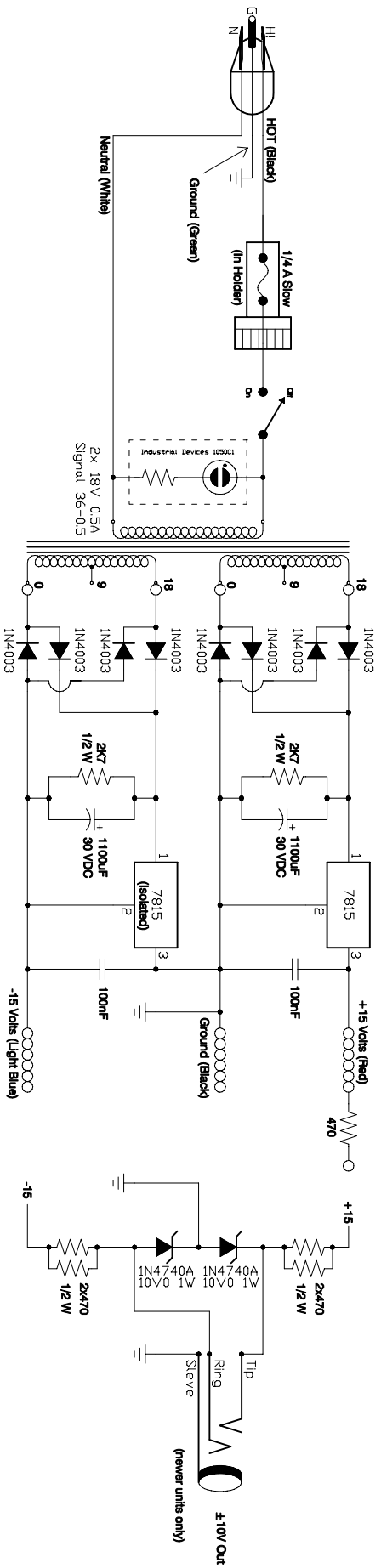
Electronic Music Laboratories, Vernon Connecticut, U.S.A.
 ElectroComp Model 101 Portable Electronic Music Synthesizer
 Keyboard, Sample & Hold, and Glide Circuits
 (c) 2005-2006 New England Synthesizer Museum, Nashua, New Hampshire, U.S.A.



Electronic Music Laboratories, Vernon Connecticut, U.S.A.
 ElectroComp Model 101 Portable Electronic Music Synthesizer
 Oscillator and Filter control mixers, Expo converters, Control mode logic
 (C) 2005 New England Synthesizer Museum, Nashua, New Hampshire, U.S.A.



Electronic Music Laboratories, Vernon Connecticut, U.S.A.
 ElectroComp Model 101 Portable Electronic Music Synthesizer
 (C) 2006 New England Synthesizer Museum, Nashua, New Hampshire, U.S.A.



Original: JLM 21-NOV-1974 EML
 This: DHW 05-APR-2005 NESM

Electronic Music Laboratories, Vernon Connecticut, U.S.A.
ElectroComp Model 101 Portable Electronic Music Synthesizer
Power Supply

