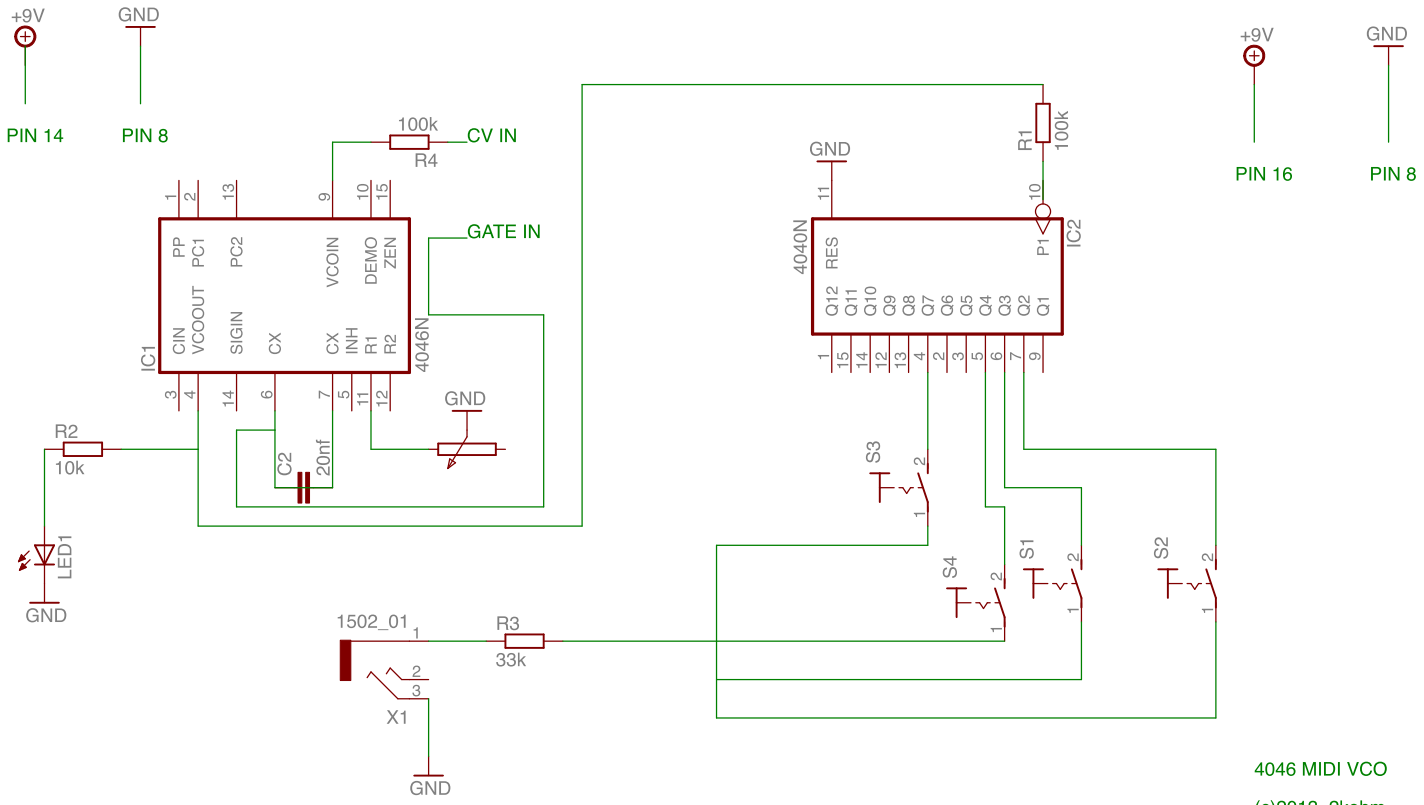

+9V
PIN 14
GND
PIN 8
100k
R4
CV IN
GATE IN
IC1
4046N
PP
PC1
PC2
VCOIN
DEMO
ZEN
CIN
VCOOUT
SIGIN
CX
CX
INH
R1
R2
GND
R2
10k
C2
20nf
LED1
GND
1502_01
R3
33k
X1
GND
+9V
PIN 16
GND
PIN 8
R1
100k
GND
4040N
RES
IC2
P1
Q12
Q11
Q10
Q9
Q8
Q7
Q6
Q5
Q4
Q3
Q2
Q1
S3
S4
S1
S2
4046 MIDI VCO
(c)2013 2kohm