CV for BANDPASS

U1C
LM13700

JIN1
R6 33k
IC509B, PIN7
R3 1k
R4 1k
GND GND
DIODE_BIAS
4
2
3
5
1
R576
JOUT1

U1A
LM13700

JIN2
R5 33k
IC510B, PIN7
R1 1k
R2 1k
GND GND
DIODE_BIAS
13
15
14
12
16
R579
JOUT2

BC857
Q1
1
2
3
GND
R9 2.2k
R7 470K
null
GND

R15 100k
JFCV1
R16 100k
U2B
TL072
6
7
5
GND
R11 100k
R12 100k
2
1
3
U2A
TL072
GND

JCUT1
R8 100k
JCUT

placed off board/replaces
old cutoff potentiometer

−14V
A100k
CUTOFF1
3
2
1
JCUT
R18 2.7k
GND

SUB OSC

U3
4024
+14V
14
JSUBI1
R13 1k
CLK
MR
1
2
VDD
Q0 12
Q1 11
Q2 9
Q3 6
Q4 5
Q5 4
Q6 3
VSS
7
GND
GND
R17 47K
JSUBO1
R10 10K
JQ4

PORTAMENTO (only relevant for clones)

J_PI1
U4A
TL072
2
3
1
J_GP01
J_GPI1
C1 1U
GND
U4B
TL072
6
5
7
R14 100
J_PO1

JGND2
C5 10u
JGND1
C6 10u
GND
+14V
11
U1E
LM13700
6
V+
V−
J+14
8
TL072
U2C
8
V+
V−
4
TL072
U4C
8
V+
V−
4
J−14
−14V

U1B
LM13700
V+
10
9
U1D
LM13700
V+
7
8

do this at own risk, of course
tested on clone by another company & works well there
replaces dual potentiometer with CV control input and CV pot
cc−by−sa−nc
maffez

Sheet: /
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