

Buchla Schematics	Front	V2	V1 PCB1 Pin No.	V1
1	1	+15V		
2	2	Q Gnd		
3	3	NC		
4	4	NC (N Gnd on BEMI 208)	43	13.5V
5	5	NC	41	Sequencer Stage 4 out
6	6	NC	39	Sequencer Stage 2 out
7	7	Sequencer stage 1 out	37	Sequencer CV in*
8	8	Sequencer stage 3 out	35	Sequencer CV in*
9	9	Sequencer stage 4 out	33	Sequencer CV in*
10	10	Sequencer stage 5 out	31	EG Duration CV in
11	11	Sequencer number of steps	29	Pulser CV in
12	12	Sequencer gate out	27	Mod Index CV in
13	13	Sequencer slider CV out	25	MO frequency CV in
14	14	Random trigger in	23	CO CV in (thru +/- switch)
15	15	Sequencer CV out	21	Waveshape CV in
16	16	Random 2 out	19	Mod Index banana jack
17	17	EG trigger in	17	CO CV banana jack
18	18	Pulser trigger out	15	LPG1 CV banana jack
19	19	Pulser duration CV in	13	Timbre CV in
20	20	Pulser out	11	NC
21	21	Pulser decay CV in	9	NC
22	22	LPG1 level CV in	7	NC
23	23	MO waveshape CV in	5	NC
24	24	CO & MO keyboard in/out switch	3	LPG1 CV in
25	25	LPG2 level CV in	1	LPG2 CV in
26	26	Preamp "to prog"		
27	27	LPG2 mode switch CV in		
28	28	Inverter "from prog"		

Buchla Schematics	Rear	V2	V1 PCB1 Pin No.	V1
A	1	-15V		
B	2	NC (Q Gnd on BEMI 208)		
C	3	NC (+5V on BEMI 208)		
D	4	NC (N Gnd on BEMI 208)	44	Q Gnd
E	5	NC	42	Sequencer Stage 5 out
F	6	NC	40	Sequencer Stage 3 out
H	7	Sequencer stage 2 out	38	Sequencer Stage 1 out
J	8	Random 1 out	36	Sequencer CV in*
K	9	Pulser period CV in	34	Sequencer CV in*
L	10	MO index CV in	32	EG Attack CV in
M	11	MO frequency CV in	30	EG Release CV in
N	12	Sequencer trigger in	28	Pulser CV in
P	13	CO pitch CV in	26	Mod Index CV in
R	14	Keyboard trigger out	24	MO frequency CV in
S	15	Keyboard key CV out	22	CO CV in (always +)
T	16	Pulser trigger in	20	Pulser CV banana jack
U	17	Timbre CV in	18	MO CV banana jack
V	18	EG attack CV in	16	Timbre CV banana jack
W	19	Keyboard pressure CV out	14	Timbre CV in
X	20	EG CV out	12	LPG1 CV in
Y	21	Sequencer trigger out	10	NC
Z	22	MO modulation switch CV in	8	NC
A-0	23	Inverter "to prog"	6	NC
B-0	24	CO waveshape CV in	4	LPG2 CV banana jack
C-0	25	CO waveshape switch CV in	2	LPG2 CV in
D-0	26	LPG1 mode switch CV in		
E-0	27	B Enable (Remote +13.5V)		
F-0	28	LPG2Signal routing switch CV in		

*I believe these were intended as separate stage CV offset inputs but are all wired in parallel