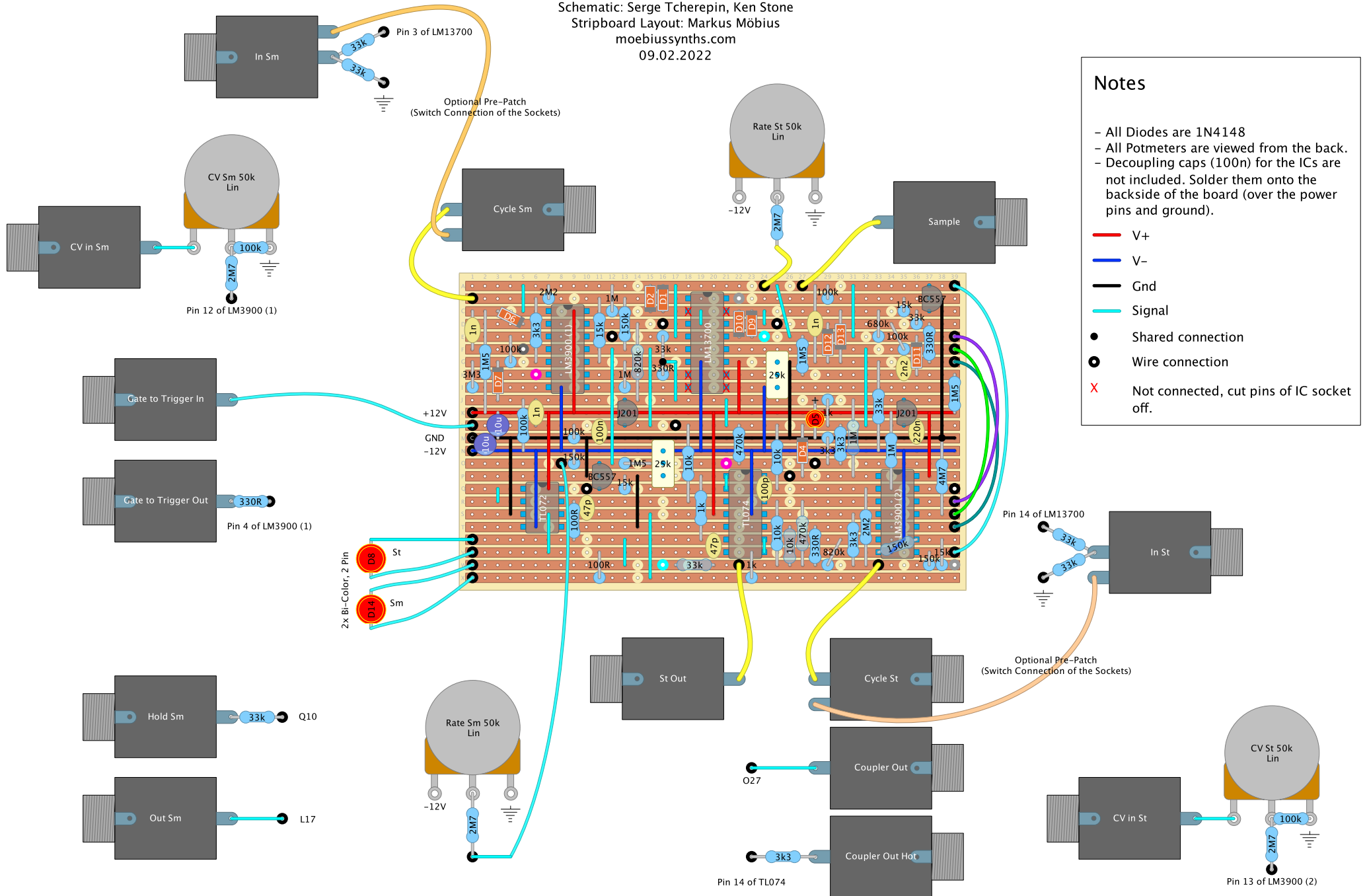
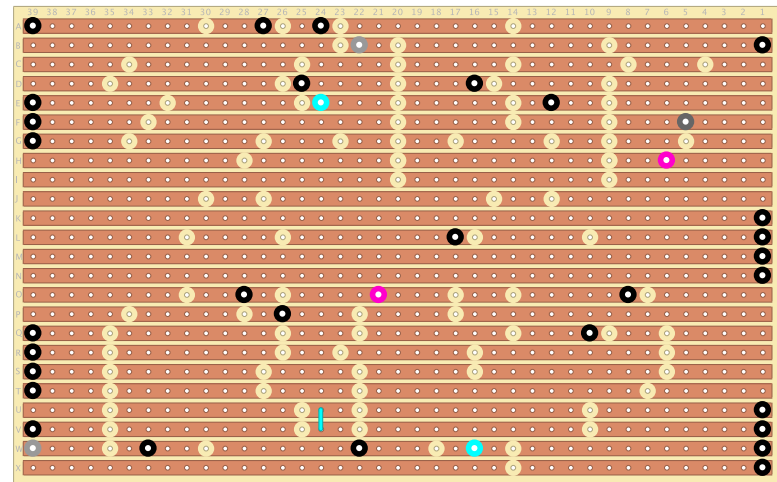
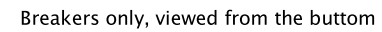
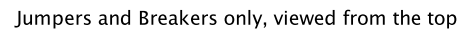


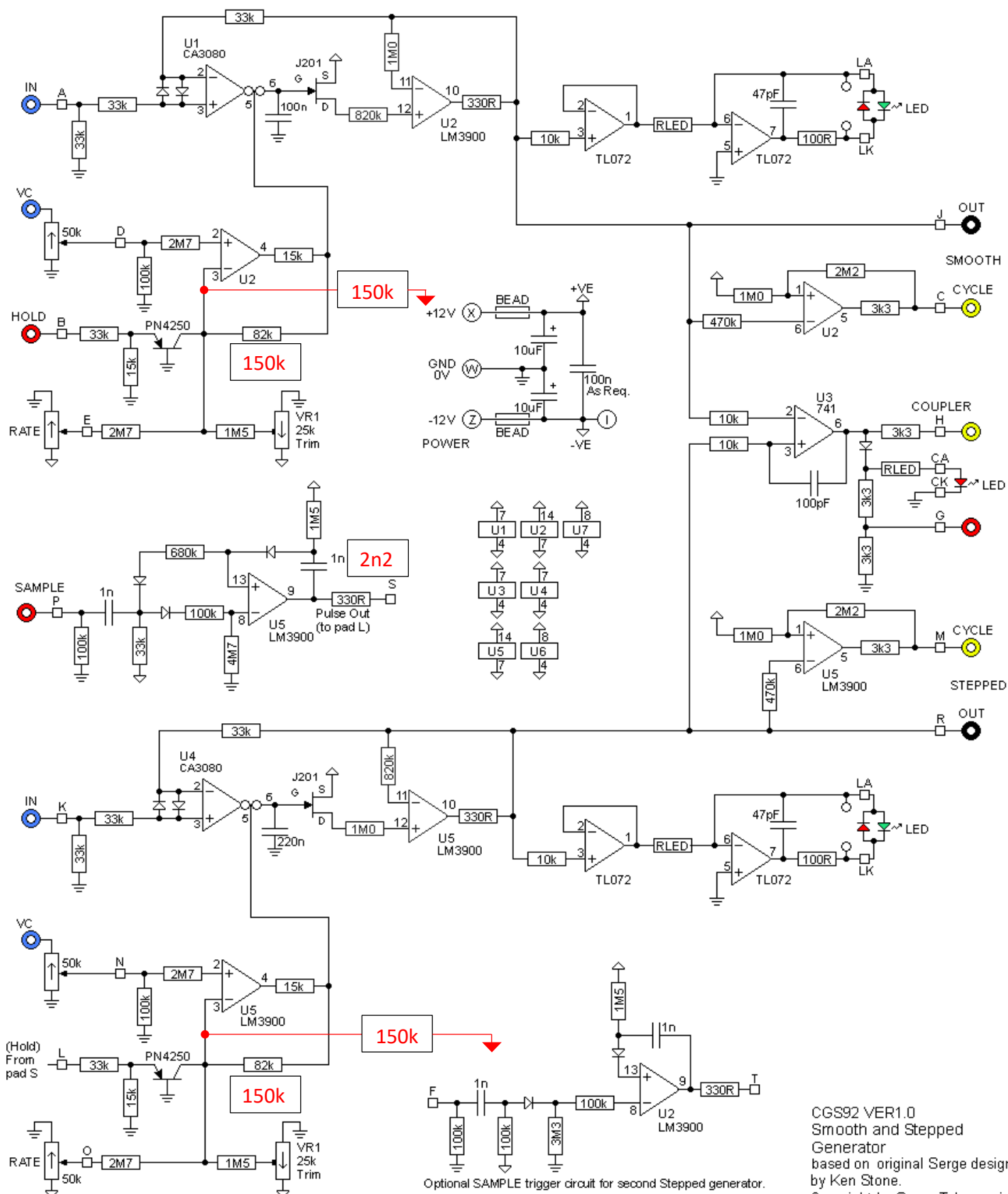
# Serge SSG

Schematic: Serge Tcherepin, Ken Stone  
Stripboard Layout: Markus Möbius  
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09.02.2022



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Source: [https://www.elby-designs.com/webtek/cgs/serge/cgs92/cgs92\\_ssg.html](https://www.elby-designs.com/webtek/cgs/serge/cgs92/cgs92_ssg.html)

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Bill of Materials for CGS92 - Smooth and Stepped Generator Component Kit V0.0

## CGS92 - Smooth and Stepped Generator Component Kit

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	47pF 5% Ceramic	2		RAD-0.2N
2	100pF 5% Ceramic	1		RAD-0.2N
3	1nF 63V Polyester	3		RAD-0.2
4	2.2nF 63V Polyester	1		RAD-0.2
			NB: See modifications	
5	100nF Ceramic	8		RAD-0.2N
6	100nF 63V Polyester	1		RAD-0.2
7	220nF 63V Polyester	1		RAD-0.2
8	10uF 35V Electrolytic	2		RB-D5.0-P2.0
	<b>CONNECTOR</b>			
9	14-pin IC Socket 0.3inch	2		DIP-14
10	KK396 - 4-way Straight - Locking Header	1		-
11	KK396 - 4-way Crimp Housing	1		3.96MM
12	Crimp - KK396	4		-
13	8-pin IC Socket 0.3inch	3		DIP-8
14	16-pin IC Socket 0.3inch	1		DIP-16
	<b>DIODE</b>			
15	1N4148	10		DIODE-0.3
	<b>LINEAR</b>			
16	TL072 Dual JFET Opamp	2		DIP-8
17	LM13700 - Dual OTA	1		DIP-16
18	LM3900 - Quad Norton Amplifier	2		DIP-14
19	LM741 - GP Opamp	1		DIP-8
	<b>INDUCTOR</b>			
20	Ferrite Bead - 0.45uH 7A	2		AXIAL-0.3

Bill of Materials for CGS92 - Smooth and Stepped Generator Component Kit V0.0

## CGS92 - Smooth and Stepped Generator Component Kit

Item	Description	Qty	Designator	Package
	<b>RESISTOR</b>			
21	100R 1% 0.5W Metal Film	2		AXIAL-0.4
22	330R 1% 0.5W Metal Film	4		AXIAL-0.4
23	3K3 1% 0.5W Metal Film	5		AXIAL-0.4
24	10K 1% 0.5W Metal Film	4		AXIAL-0.4
25	15K 1% 0.5W Metal Film	4		AXIAL-0.4
26	33K 1% 0.5W Metal Film	9		AXIAL-0.4
27	100K 1% 0.5W Metal Film	7		AXIAL-0.4
28	150K 1% 0.5W Metal Film	4		AXIAL-0.4
			NB: See modifications	
29	470K 1% 0.5W Metal Film	2		AXIAL-0.4
30	680K 1% 0.5W Metal Film	1		AXIAL-0.4
31	820K 1% 0.5W Metal Film	2		AXIAL-0.4
32	1M0 1% 0.5W Metal Film	4		AXIAL-0.4
33	1M5 1% 0.5W Metal Film	4		AXIAL-0.4
34	2M2 1% 0.5W Metal Film	2		AXIAL-0.4
35	2M7 1% 0.5W Metal Film	4		AXIAL-0.4
36	3M3 1% 0.5W Metal Film	1		AXIAL-0.4
37	4M7 1% 0.5W Metal Film	1		AXIAL-0.4
	<b>TRANSISTOR</b>			
38	J201 JFET	2		TO-92
39	PN4250 PNP Transistor	2		TO-92
	<b>TRIMPOT</b>			
40	100K 1TV Cermet	2		3306F
	End of document			