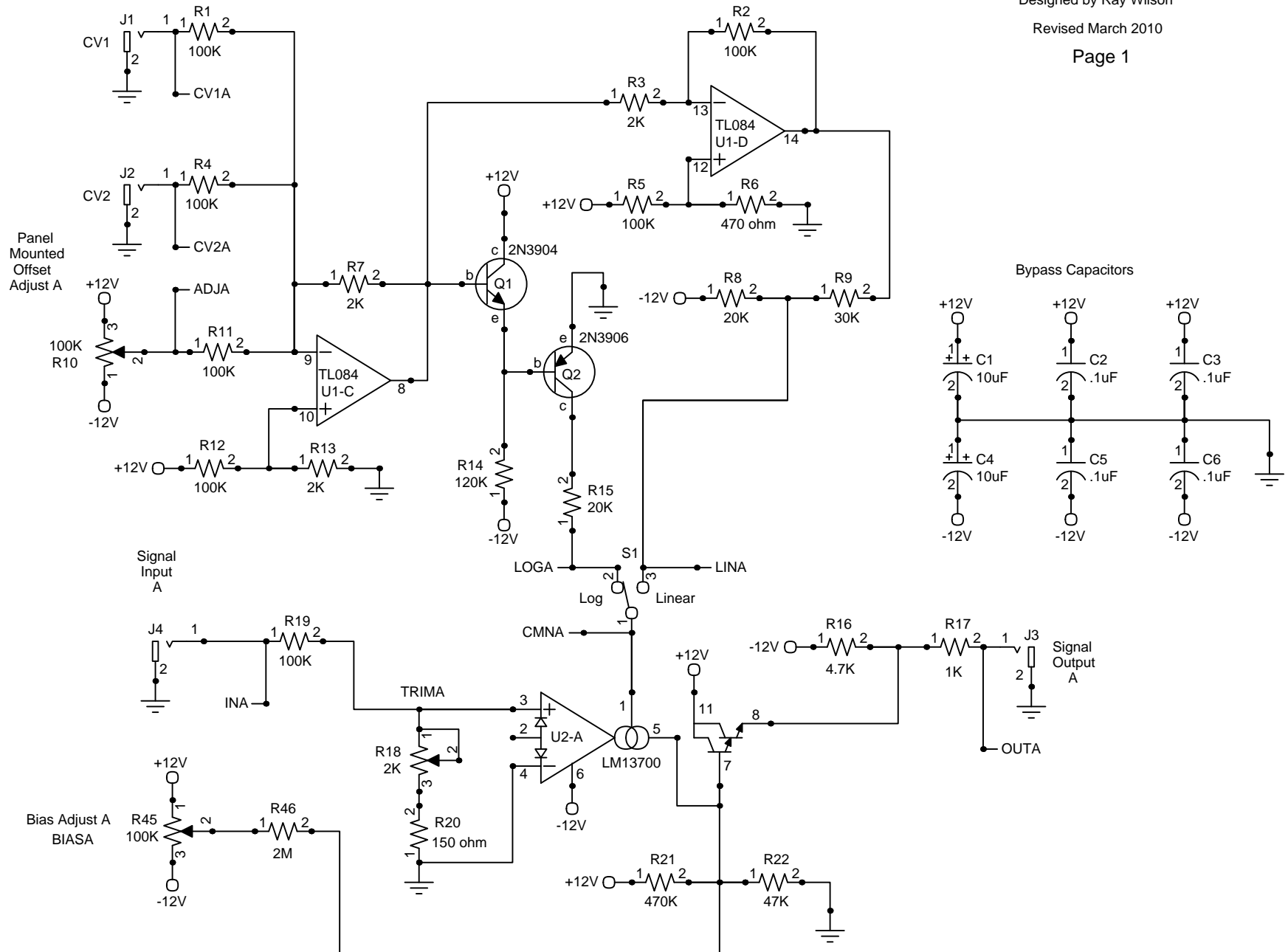


RJWSOft Dual Log/Linear VCA

Designed by Ray Wilson

Revised March 2010

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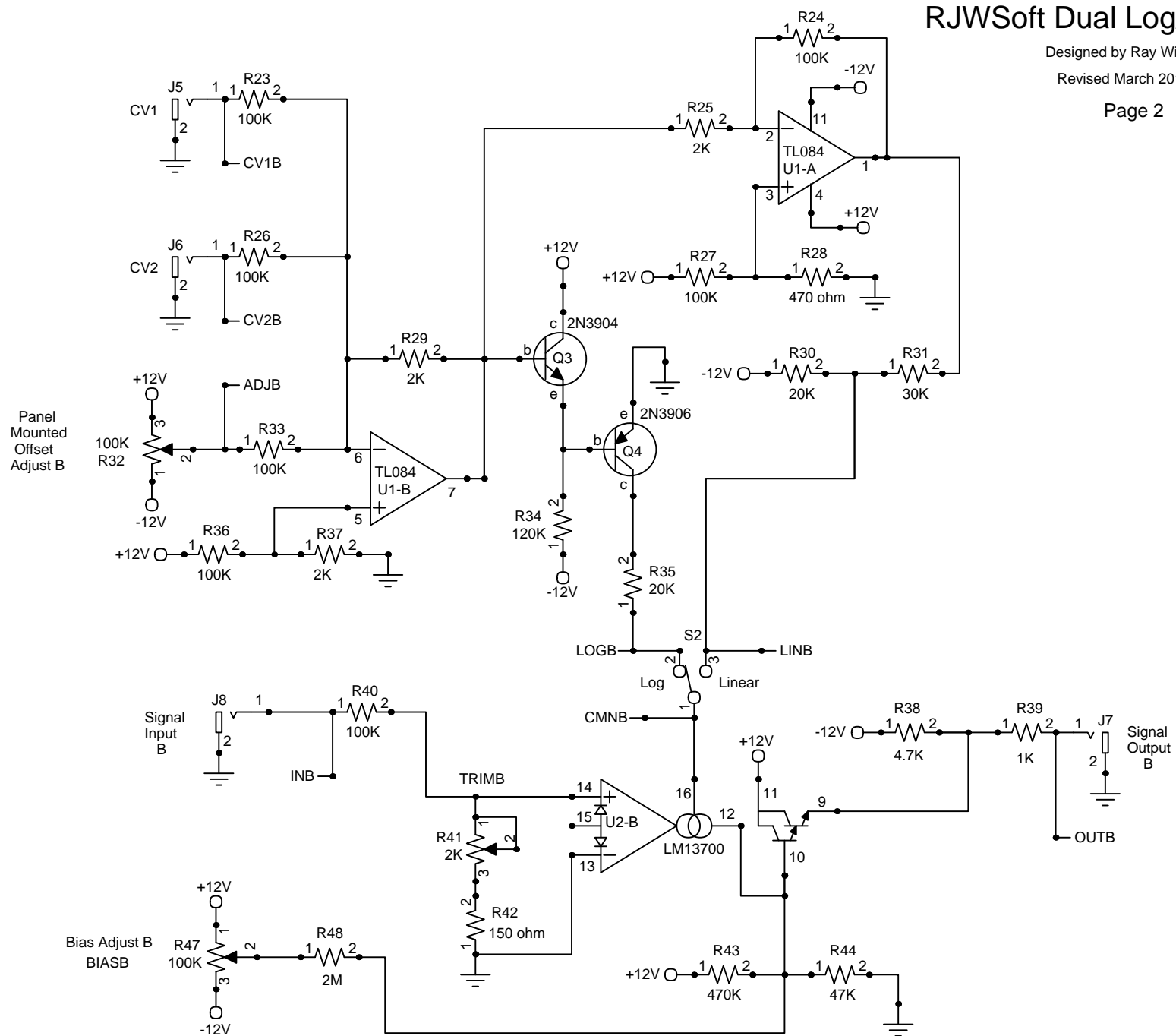


RJWSOft Dual Log/Linear VCA

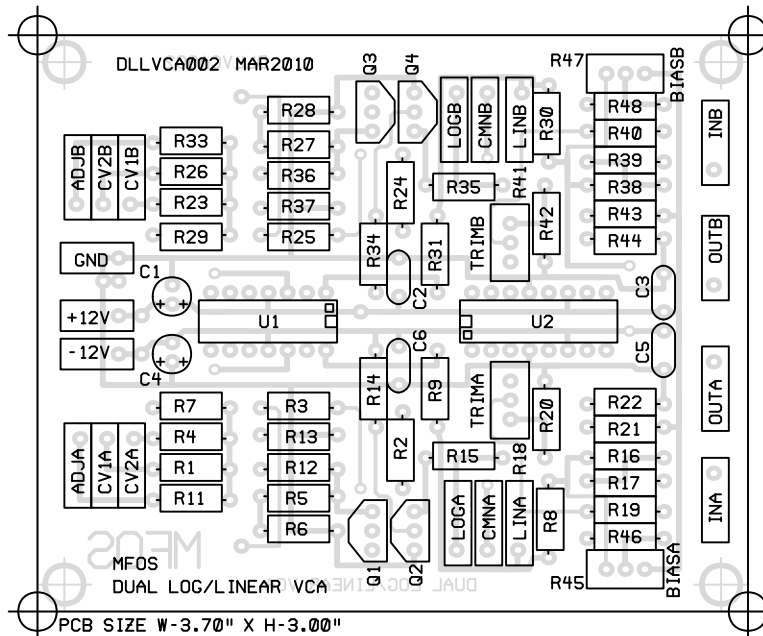
Designed by Ray Wilson

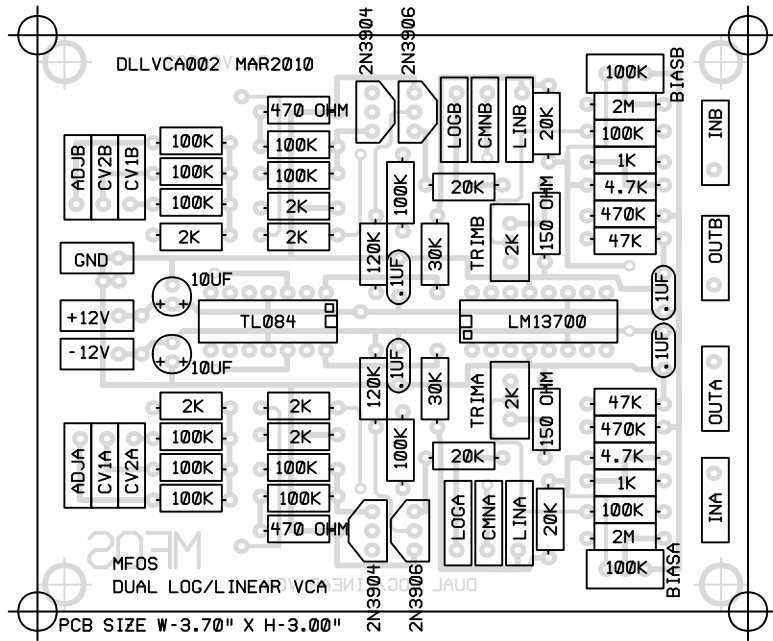
Revised March 2010

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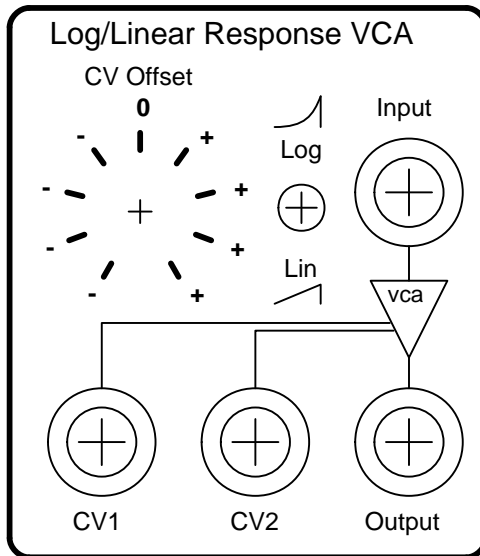
Qty.	Description	Value	Designators
1	LM13700 Dual gm OpAmp	LM13700	U2
1	TL084 Quad Op Amp	TL084	U1
2	2N3904	2N3904	Q1, Q3
2	2N3906	2N3906	Q2, Q4
14	Resistor 1/4 Watt 5%	100K	R1, R2, R4, R5, R11, R12, R19, R23, R24, R26, R27, R33, R36, R40
2	Resistor 1/4 Watt 5%	120K	R14, R34
2	Resistor 1/4 Watt 5%	150 ohm	R20, R42
2	Resistor 1/4 Watt 5%	1K	R17, R39
4	Resistor 1/4 Watt 5%	20K	R8, R15, R30, R35
6	Resistor 1/4 Watt 5%	2K	R3, R7, R13, R25, R29, R37
2	Resistor 1/4 Watt 5%	2M	R46, R48
2	Resistor 1/4 Watt 5%	30K	R9, R31
2	Resistor 1/4 Watt 5%	4.7K	R16, R38
2	Resistor 1/4 Watt 5%	470 ohm	R6, R28
2	Resistor 1/4 Watt 5%	470K	R21, R43
2	Resistor 1/4 Watt 5%	47K	R22, R44
2	Trim Pot	100K	R45, R47
2	Trim Pot	2K	R18, R41
4	Ceramic Capacitor (S)	.1uF	C2, C3, C5, C6
2	Electrolytic Capacitor (S)	10uF	C1, C4
1	16 pin DIP socket		
1	14 pin DIP socket		



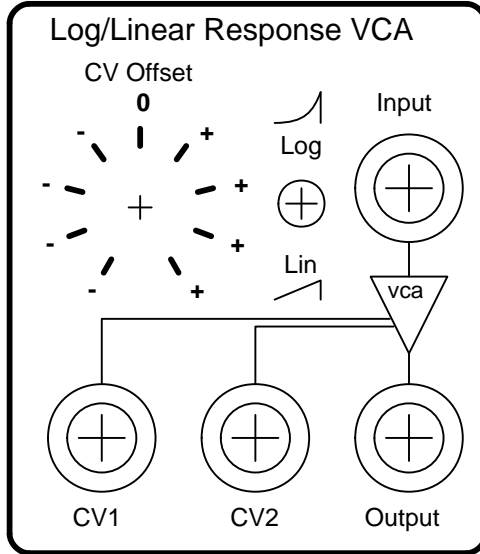


Front Panel

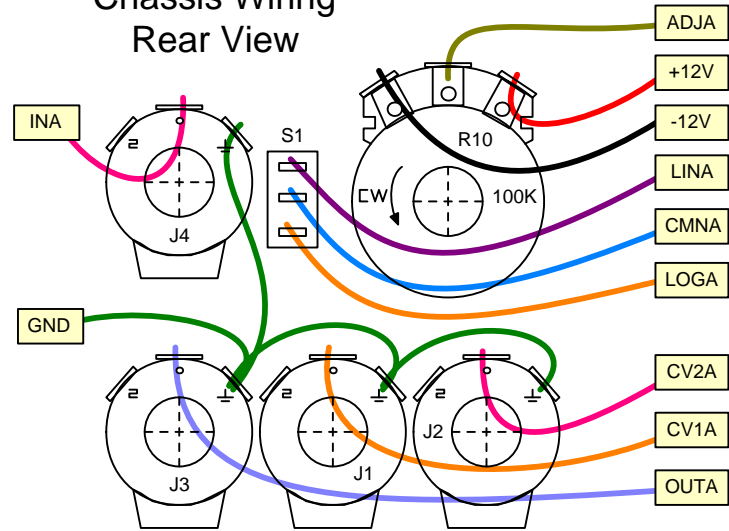
VCA-A



VCA-B



Chassis Wiring Rear View



If chassis is conductive you only need to connect one jack ground. The pot body should also be grounded. Check for which terminal is ground before wiring.

