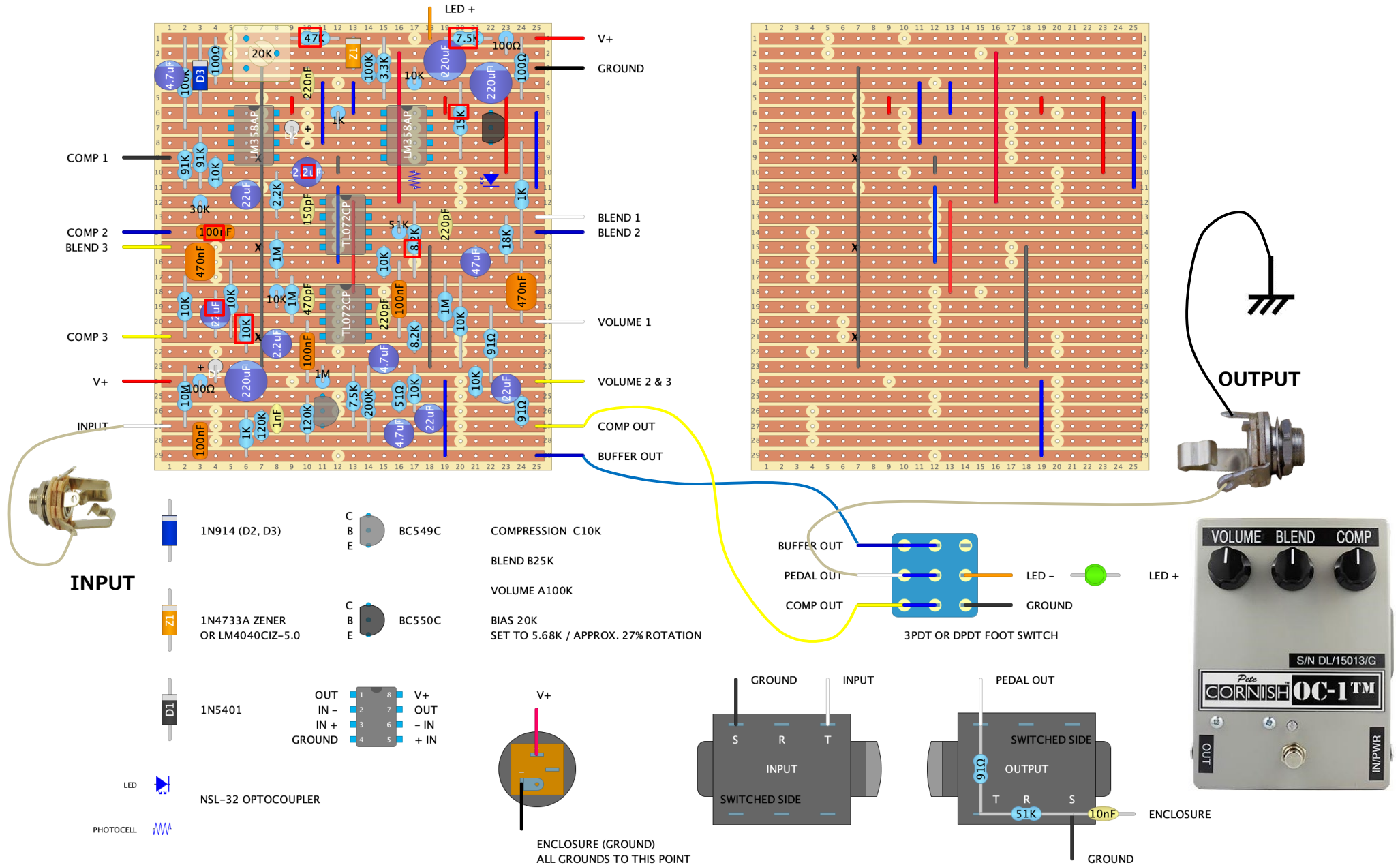
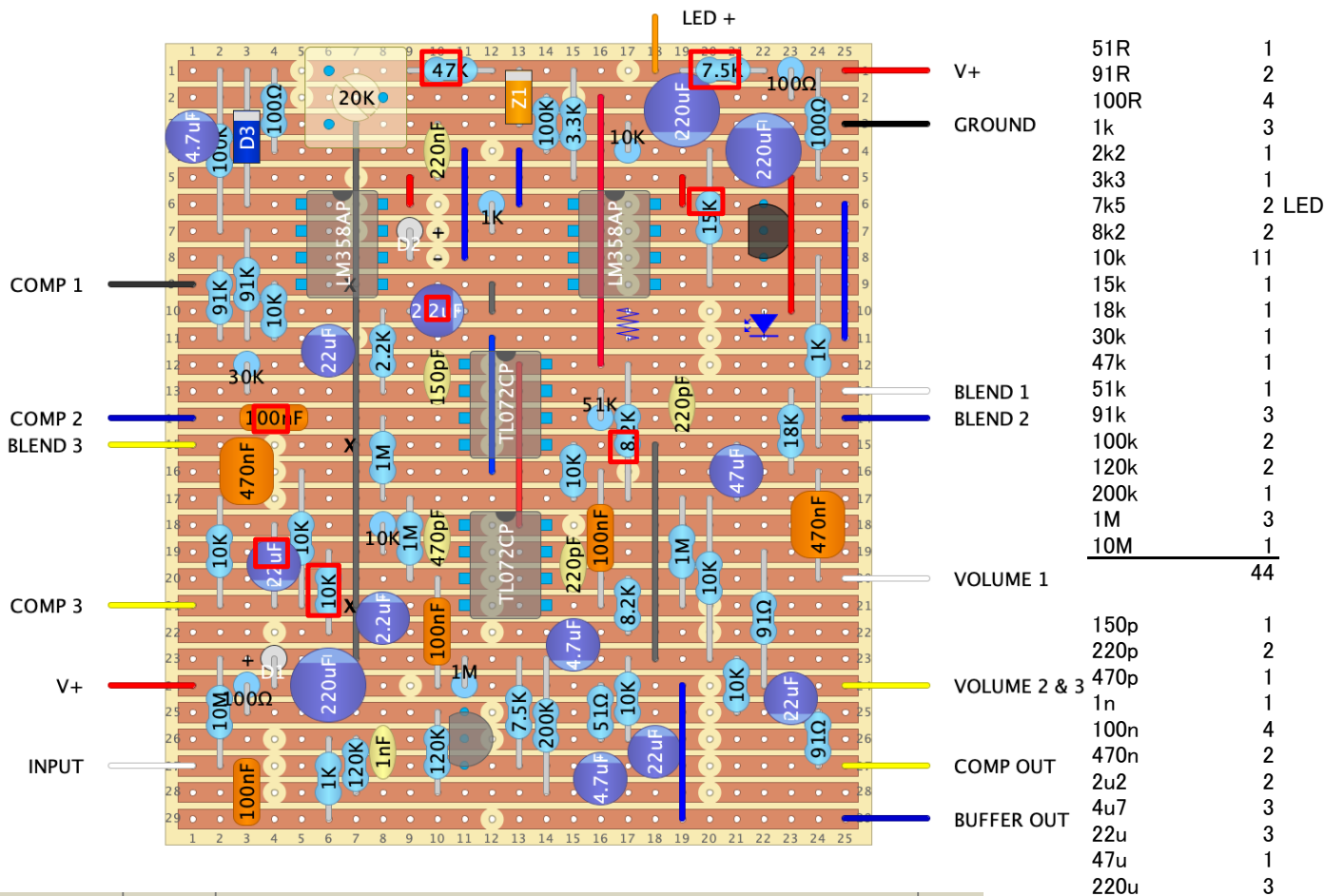


Pete Cornish OC-1 Optical Compressor





NSL32	シングル	Silonex NSL-32	¥430
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LM358AN	8P DIP/Dual	Signetics 単一電源用の定番品。エフェクター向き。
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LM358, 0.5

V/μs

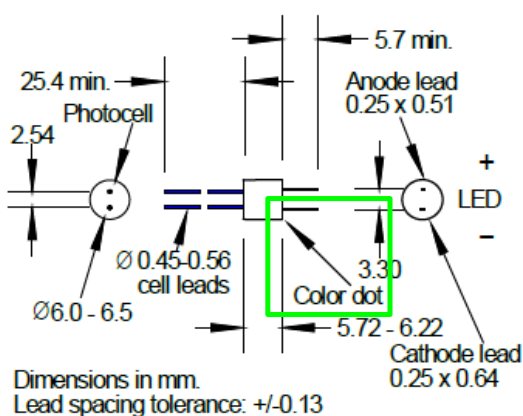
MC1458P	8P DIP/Dual	Texas Instruments 741のデュアル
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MC1458, MC1558 0.5

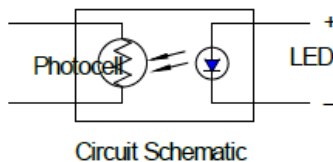
V/μs

MC1458	2
TL072	2
BC549C	1
BC550C	1

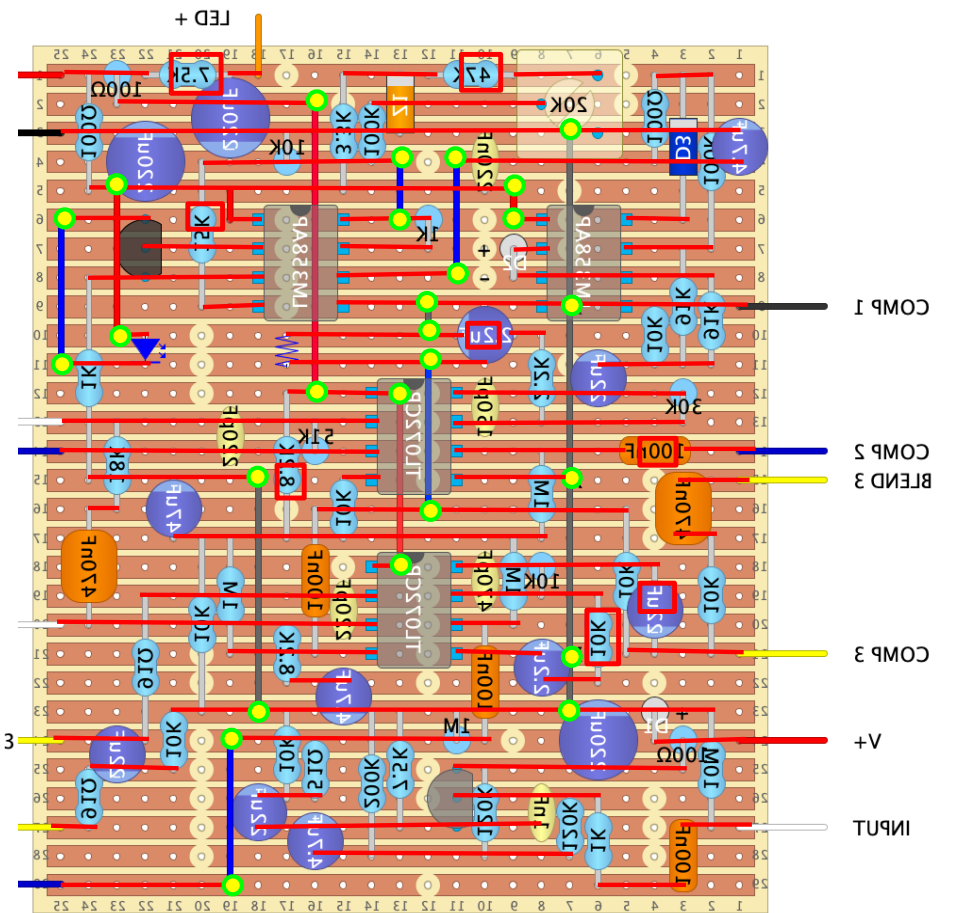
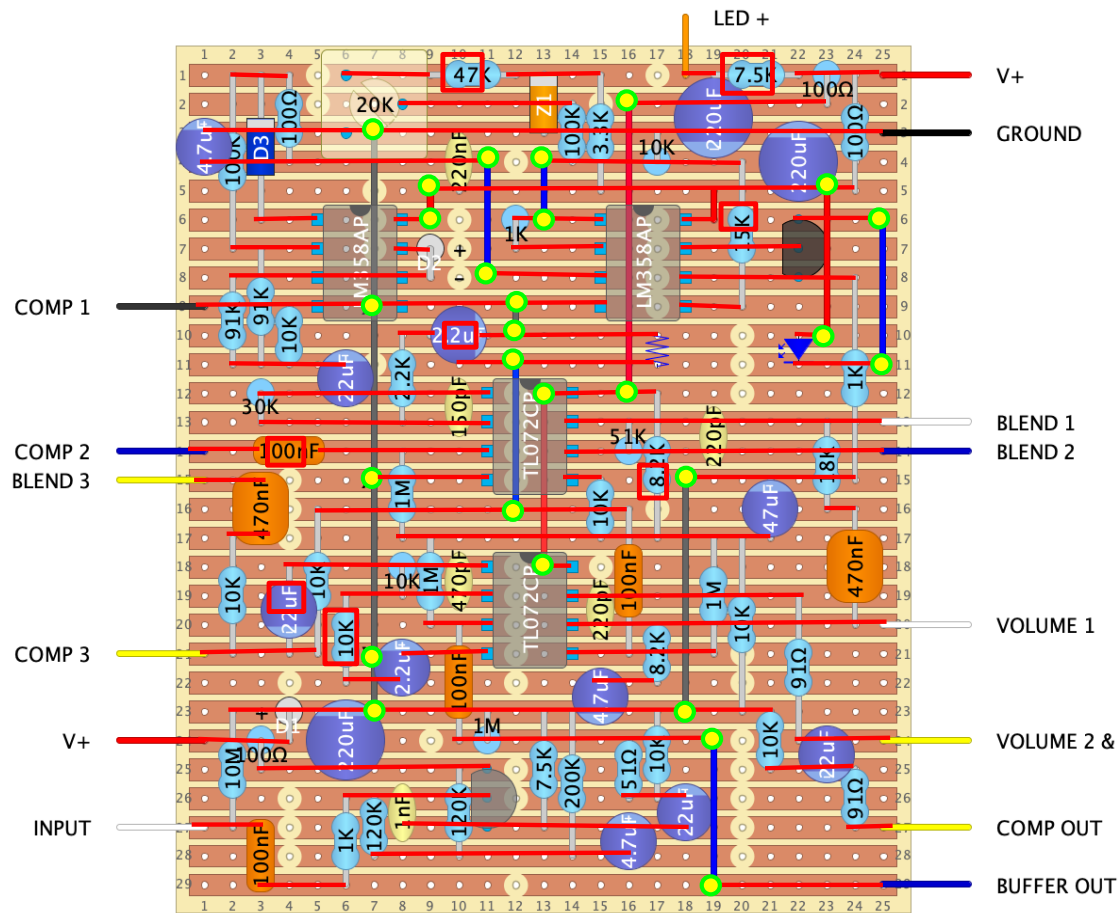
NSL32	1
1N914	2
1N4733	1
1N5401	1
20k trim	1



Optocoupler NSL-32



1N4733	ツェナー	DO-41	5.1V 1W
1N5401	シリコン	DO-201AD	ON Semi 100PRV @3A



COMPRESSION C10K

BLEND B25K

VOLUME A100K

BIAS 20K

SET TO 5.68K / APPROX. 27% ROTATION

Type	Mat	Struct	Pc	Vcb	Vce	Veb	Ic	Tj	Ft	Hfe	Caps
BC550C	Si	NPN	0.5	50	45	6	0.1	150	150	420	TO92

Type	Mat	Struct	Pc	Vcb	Vce	Veb	Ic	Tj	Ft	Cc	Hfe	Caps
BC549C	Si	NPN	0.5	30	30	6	0.1	150	200	4.5	420	TO92

Towers' International Transistor Selector

T.D Towers, MDE, MA, DSc, CEng, MIEEE

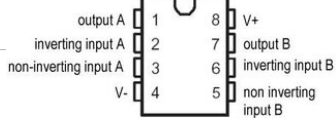
http://www.bunkerofdoom.com/lit/semico/Towers-TowersInternationalTransistorSelector_text.pdf
info from cjonspay

TRANSISTOR NUMBER	PM OA LT	PACK-AGE	LEAD INFO	VCB MAX	VCE MAX	VEB MAX	Ic MAX	Tj MAX	P TOT	F T MIN	C OB MAX	H FE	H FE BIAS
BC547	NS	X1C	L2C	50V	45V	200mA	150C	300mW	150W	110mN	2mA	2mA	2mA
BC548	NS	X10	L20	30V	20V	200mA	150C	300mW	150W	110mN	2mA	2mA	2mA
BC545	AS	X10	L20	30V	20V	200mA	150C	300mW	150W	200mA	2mA	2mA	2mA
BC557	PS	X10	L2C	50V	45V	200mA	150C	300mW	75W	75mN	2mA	2mA	2mA
BC558	PS	X1C	L20	30V	25V	200mA	150C	300mW	75W	75mN	2mA	2mA	2mA

Great!!

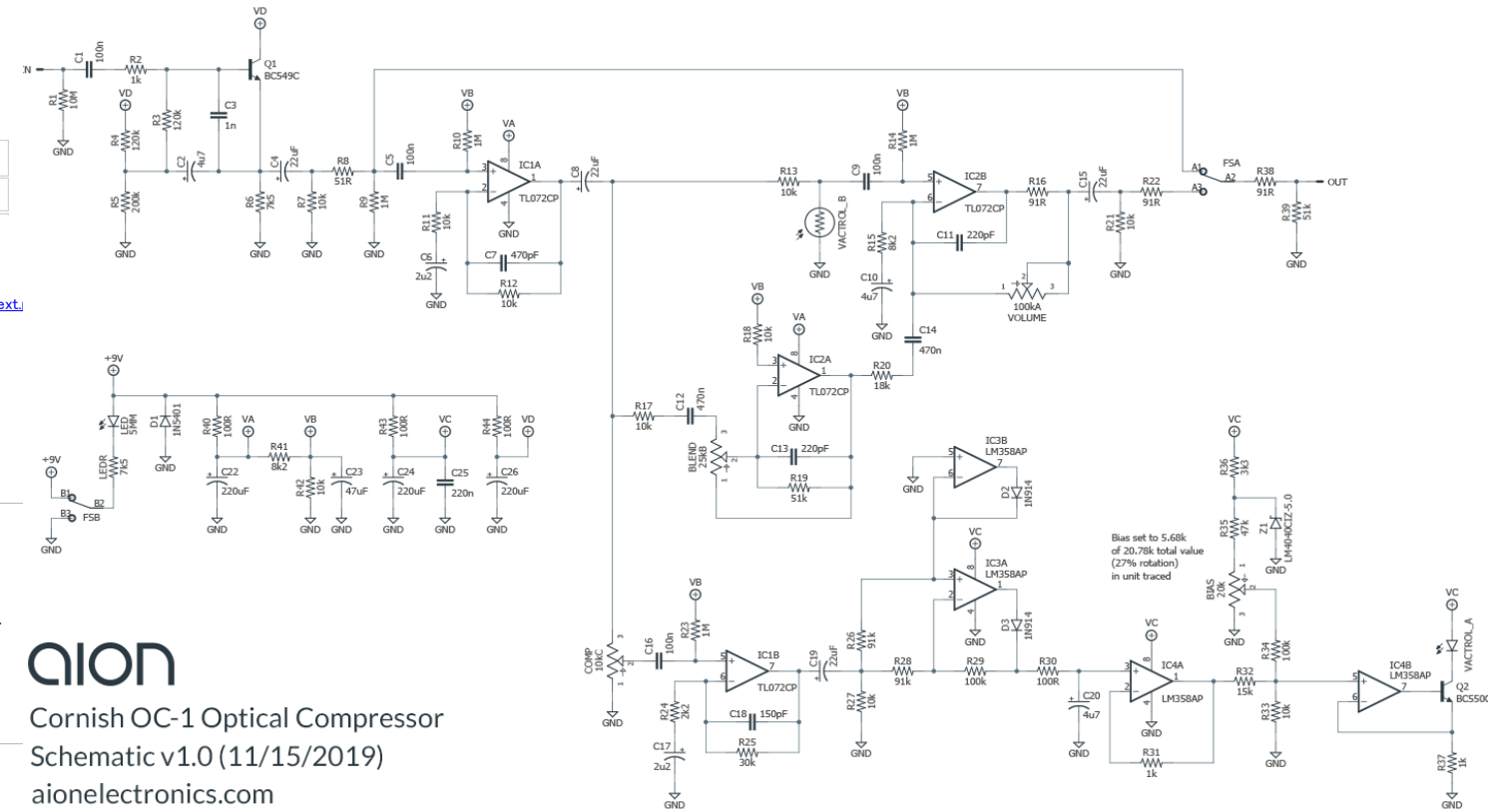
FX which I want to make increased one more.
Are you a mania of Pete Cornish Pedals?

I don't have BC549C, I can buy only BC550C at familiar shop in Japan.
It is listed that BC549C and BC550C have similar HFE and property in alltransistors datasheet.
A mention is not listed in it in Towers-Towers International Transistor Selector.
Do I not have a difficulty even if I use BC550C in substitution for BC549C?



BC549BTA	NPN シリコン	Fairchild TO-92ケース
BC550CTA	NPN シリコン	Fairchild TO-92ケース

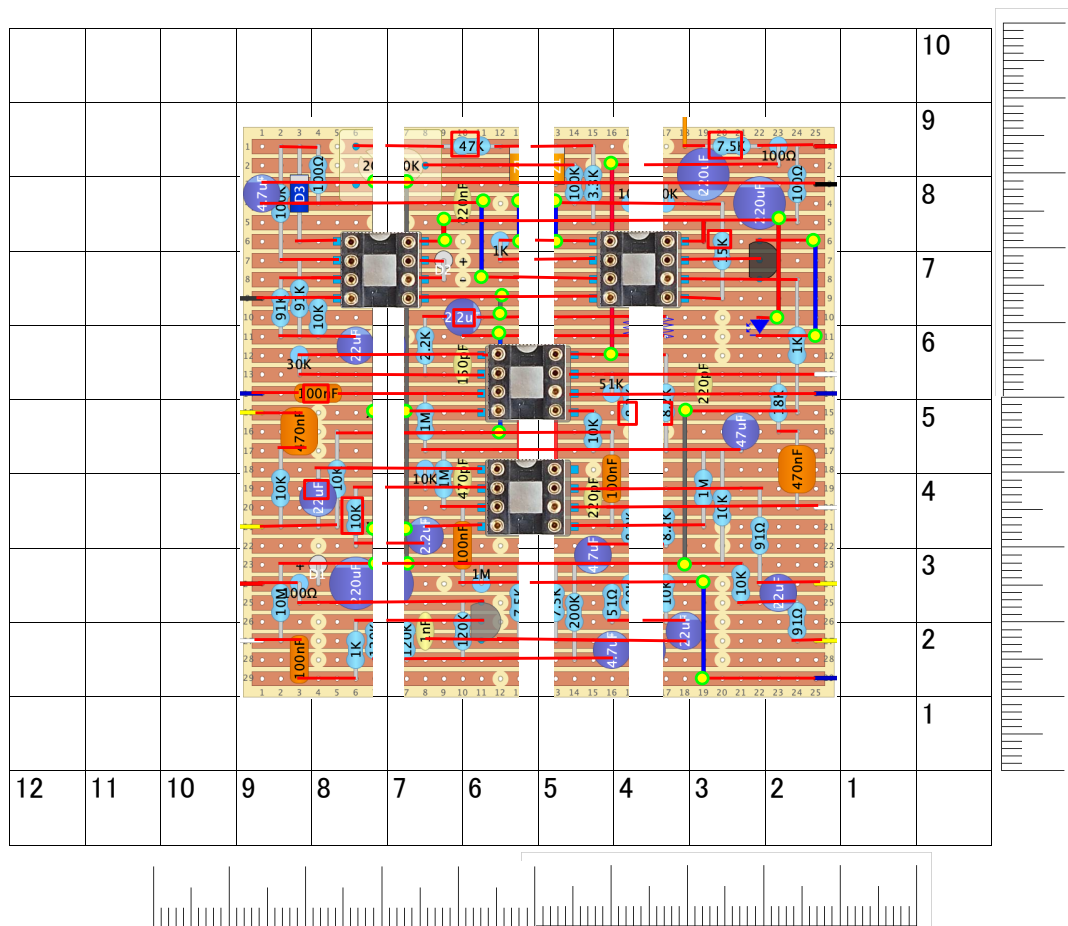
BC549B	Si	NPN	0.5	30	30	6	0.1	150	200	4.5	200	TO92
BC549C	Si	NPN	0.5	30	30	6	0.1	150	200	4.5	420	TO92
BC550	Si	NPN	0.5	50	45	6	0.1	150	200		240	TO92



aion

Cornish OC-1 Optical Compressor
Schematic v1.0 (11/15/2019)
aionelectronics.com

BC549C	TO-18C49C	FAIRCHILD	80円	0	カゴへ	ローノイズNPNトランジスタ
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Actual size(実寸大)

