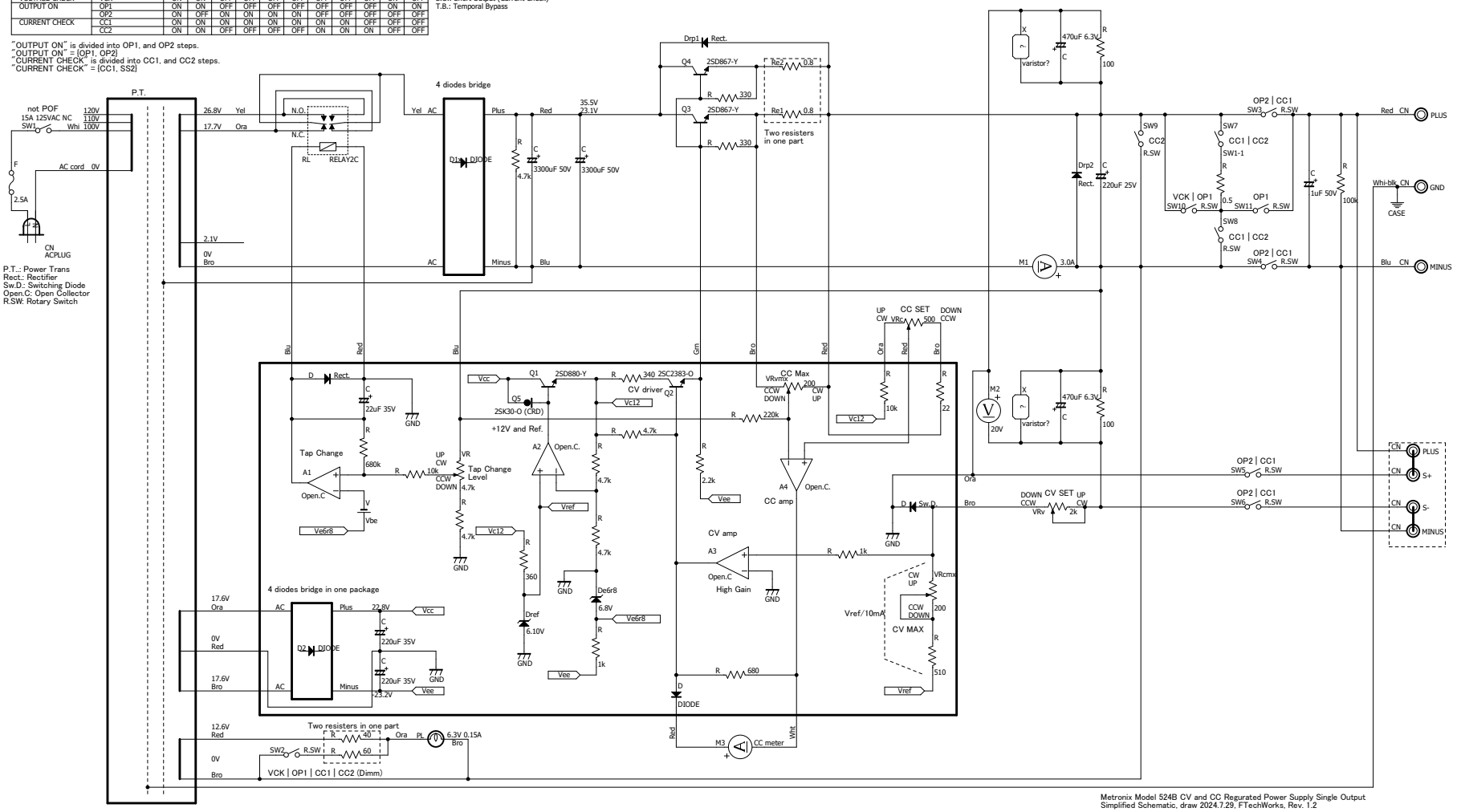
Switchs table

External Position	Internal Position	MAIN SW1	P.L. SW2	OUT SW3	OUT SW4	OUT SW5	OUT SW6	S.O. SW7	S.O. SW8	S.O. SW9	T.B. SW10	T.B. SW11
POWER OFF	POF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
VOLTAGE CHECK	VCK	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	OFF
OUTPUT ON	OP1	ON	ON	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON
	OP2	ON	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	OFF
CURRENT CHECK	CC1	ON	ON	ON	ON	ON	ON	ON	ON	OFF	OFF	OFF
	CC2	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	OFF	OFF

MAIN: Main Switch
P.L.: Pilot Lamp (dimming)
OUT: Output
S.O.: Short Output (Current Check)
T.B.: Temporal Bypass

"OUTPUT ON" is divided into OP1, and OP2 steps.
"OUTPUT ON" = {OP1, OP2}
"CURRENT CHECK" is divided into CC1, and CC2 steps.
"CURRENT CHECK" = {CC1, SS2}

P.T.: Power Trans
Rect.: Rectifier
Sw.D.: Switching Diode
Open.C: Open Collector
R.SW: Rotary Switch



Metronix Model 524B CV and CC Regurated Power Supply Single Output
Simplified Schematic, draw 2024.7.29, FTechWorks, Rev. 1.2