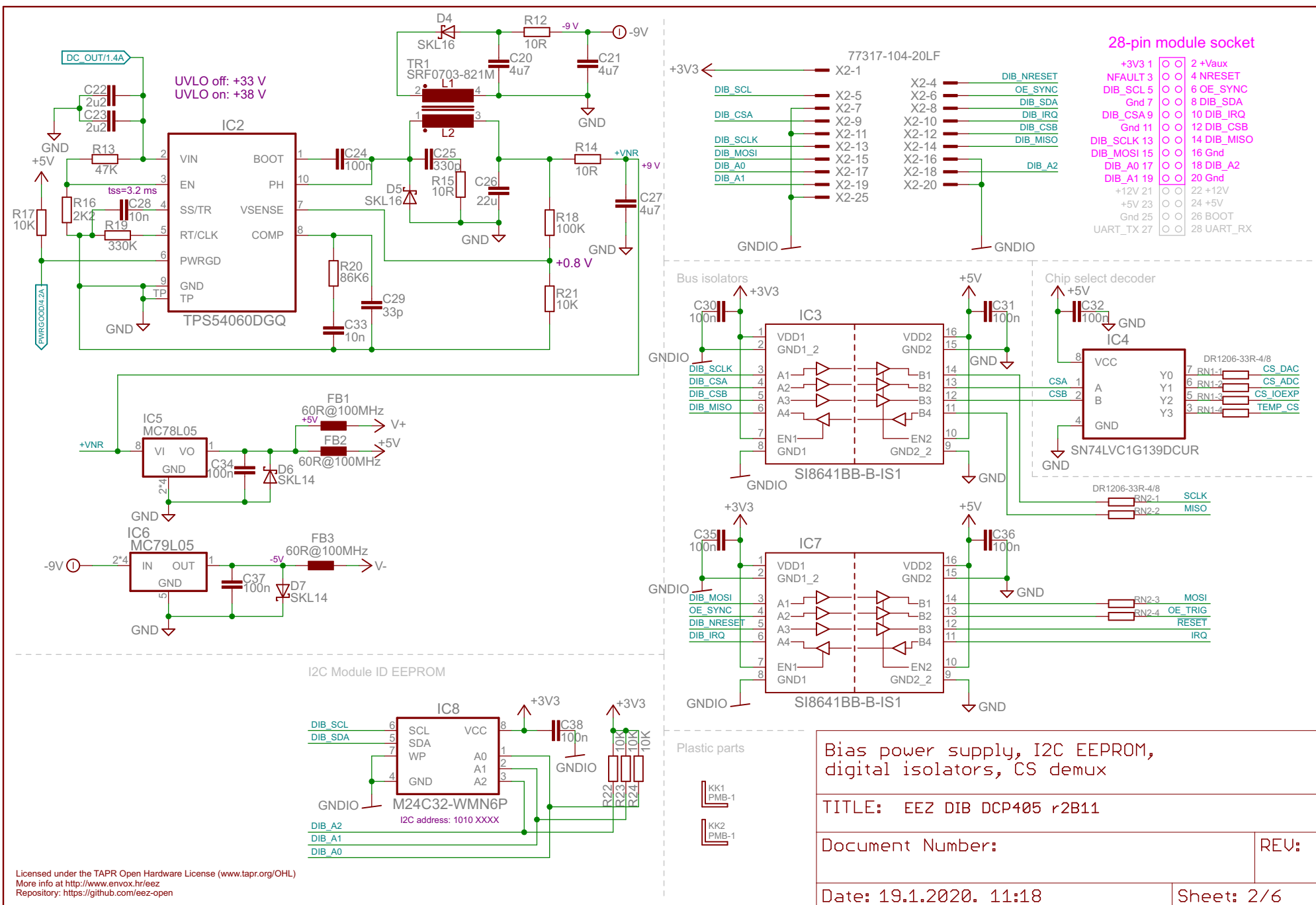
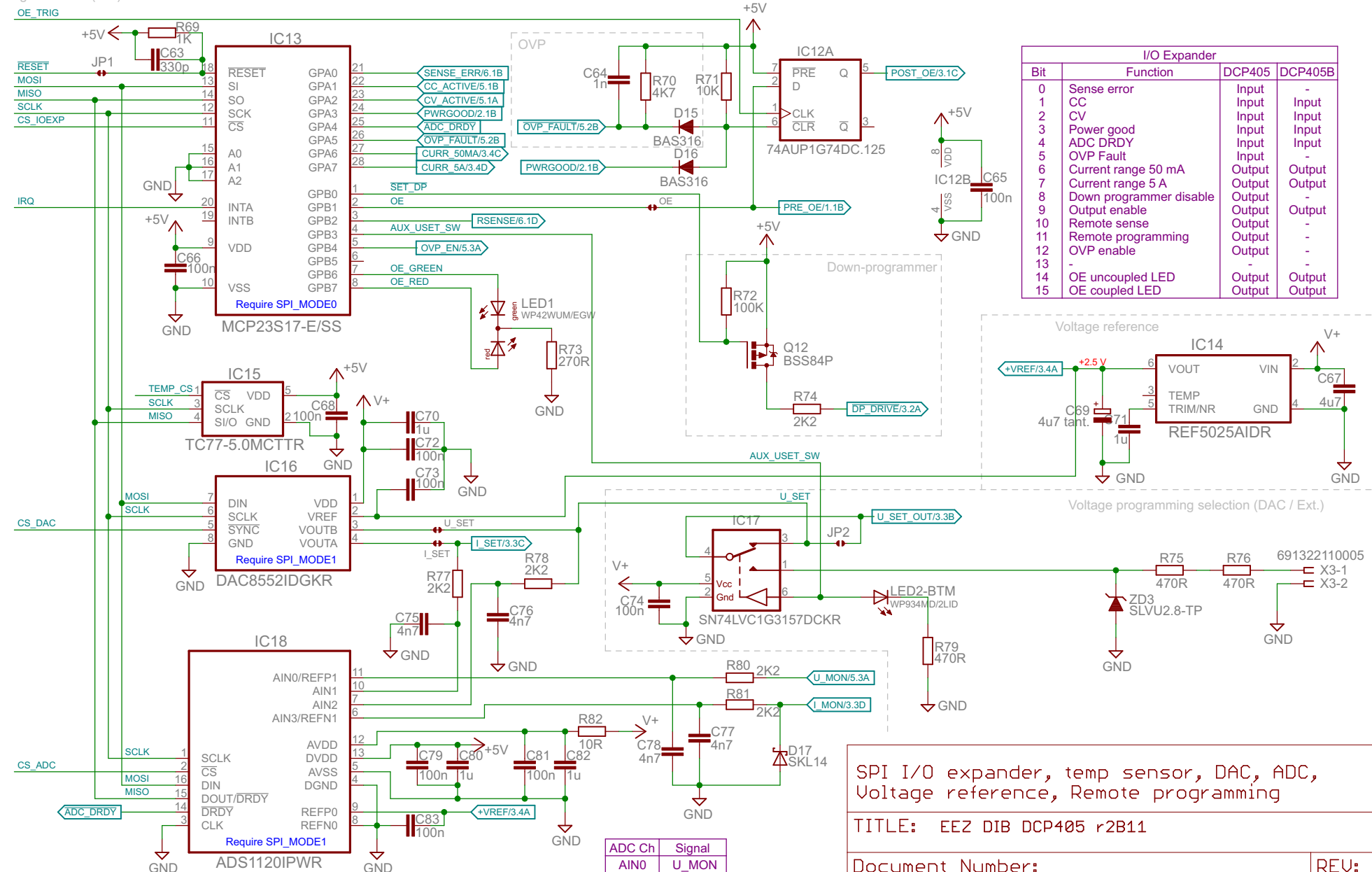




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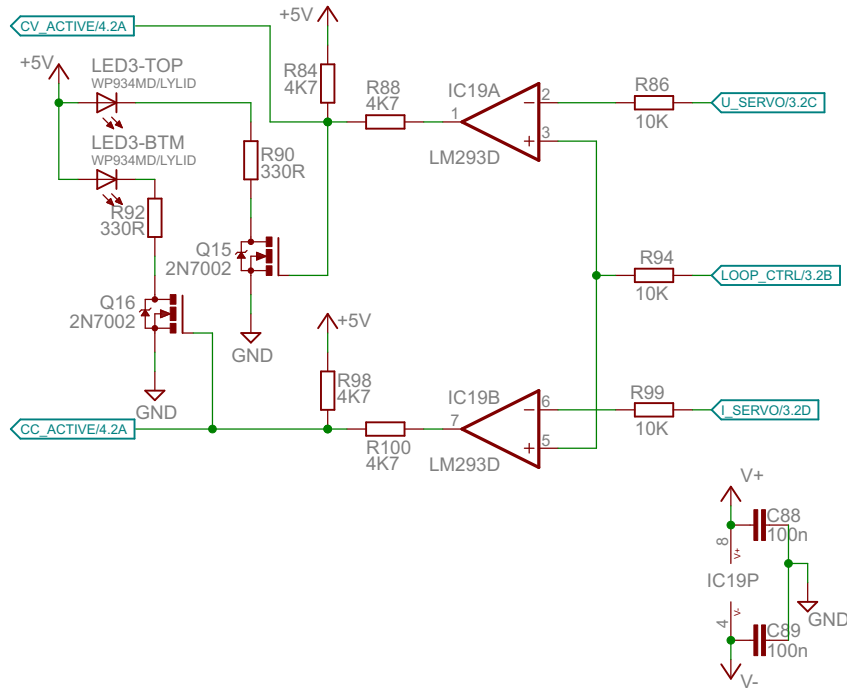


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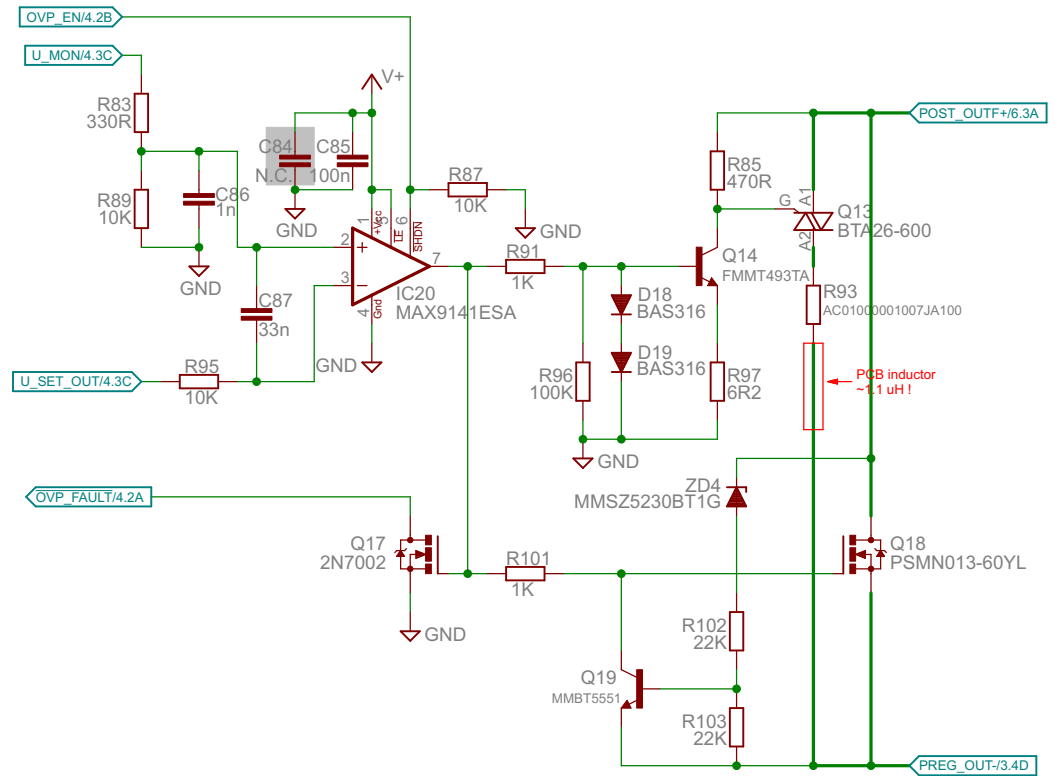
ADC fmod = 256 kHz (normal), 512 kHz (turbo)  
Anti-aliasing RC filter cutoff = 15.4 kHz

ADC Ch	Signal
AIN0	U_MON
AIN1	I_SET
AIN2	U_SET
AIN3	I_MON

# Constant Voltage (CV) and Constant Current (CC) mode detection and indication



## Over-voltage protection (OVP)



CC/CV mode detection and indication, OVP

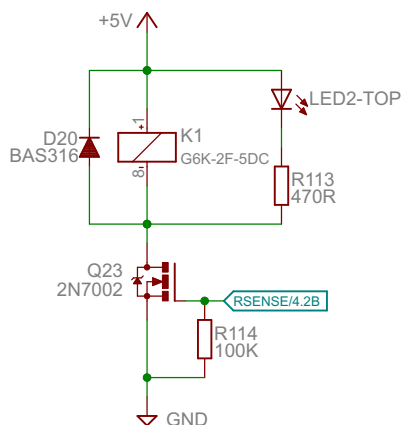
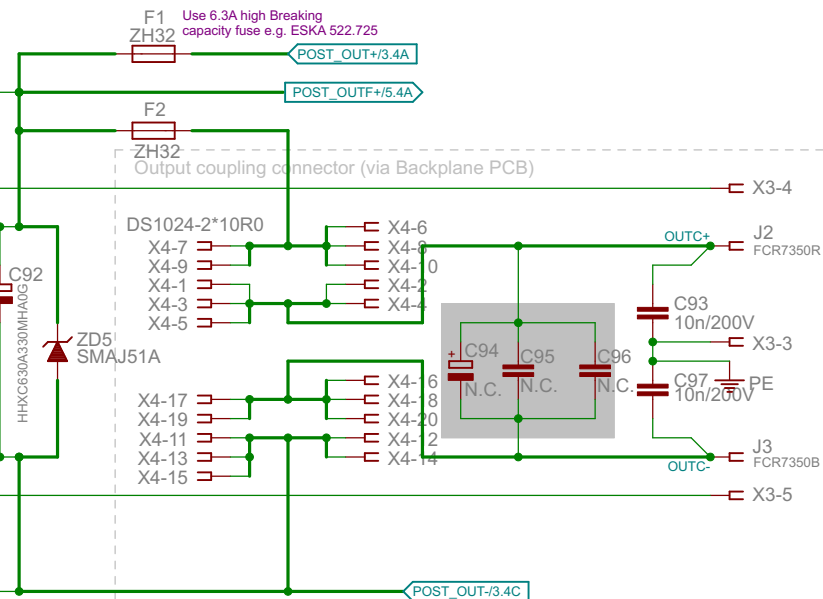
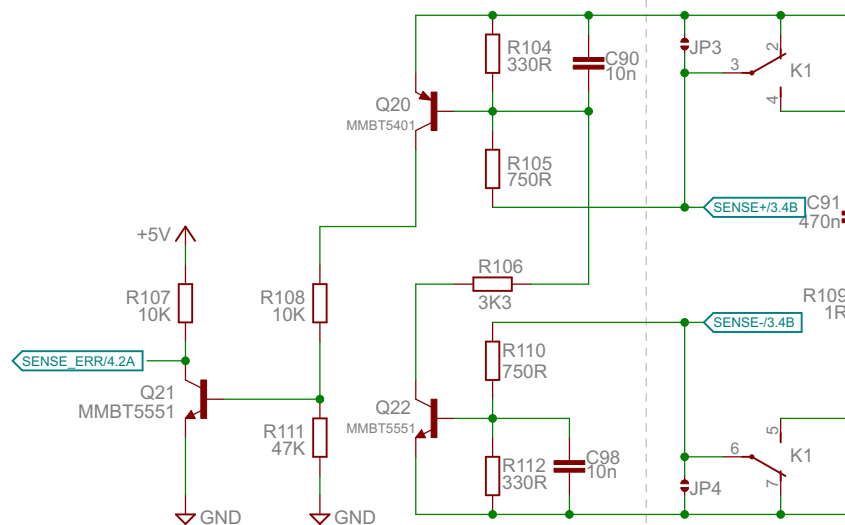
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	OUTC+ 1	2 OUTC+
	OUTC+ 3	4 OUTC+
	OUTC+ 5	6 POST_OUT+ (fused)
POST_OUT+ (fused) 7		8 POST_OUT+ (fused)
POST_OUT+ (fused) 9		10 POST_OUT+ (fused)
POST_OUT- 11		12 POST_OUT-
POST_OUT- 13		14 POST_OUT-
POST_OUT- 15		16 OUTC-
OUTC- 17		18 OUTC-
OUTC- 19		20 OUTC-

- Rsense polarity protection
- Output coupling, Rsense relay

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