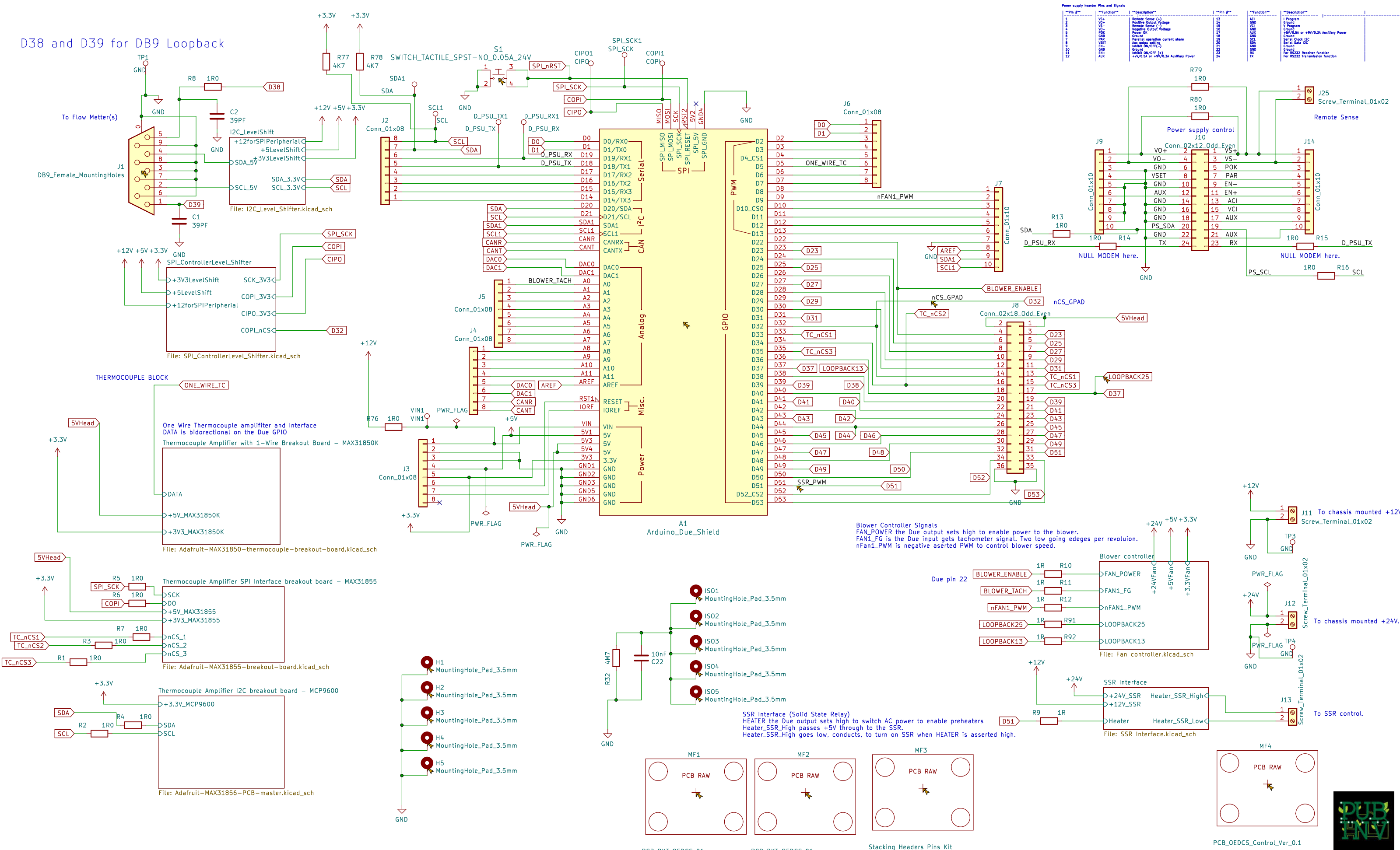


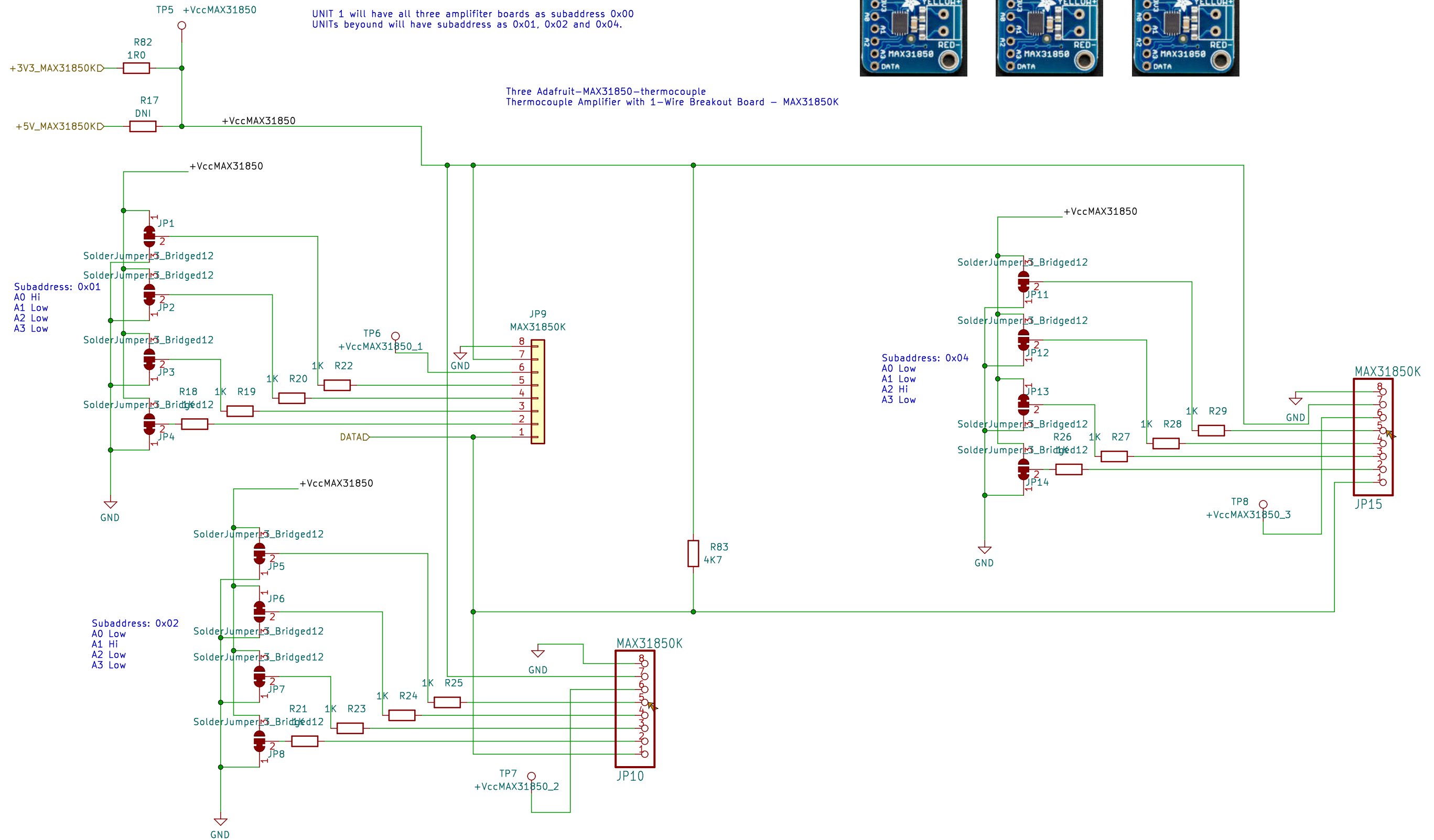
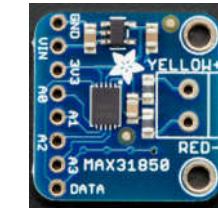
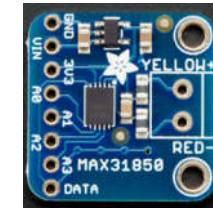
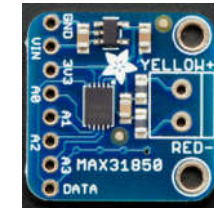
D38 and D39 for DB9 Loopback

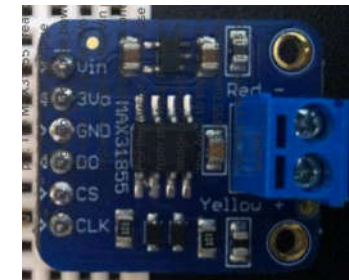
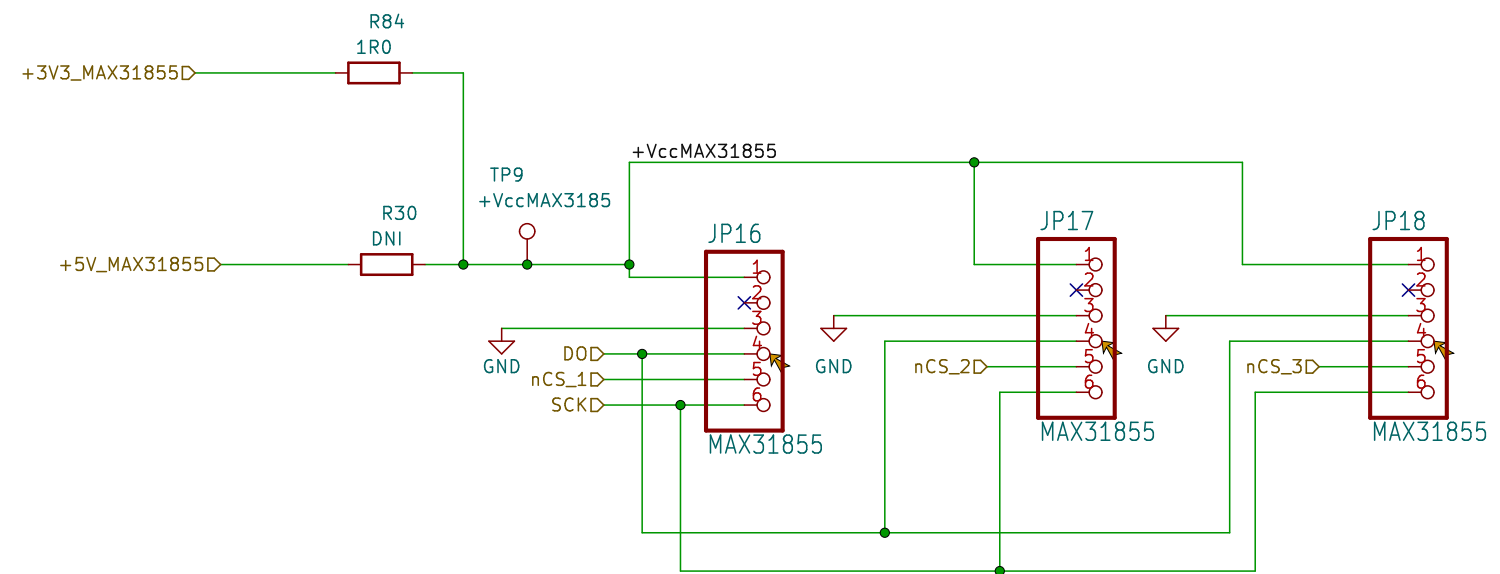


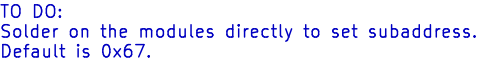
Each board will be addressed by parts on our main board.
The daughter boards will need the addressing traces CUT.

UNIT 1 will have all three amplifier boards as subaddress 0x00
UNITs beyound will have subaddress as 0x01, 0x02 and 0x04.

Three Adafruit-MAX31850-thermocouple
Thermocouple Amplifier with 1-Wire Breakout Board – MAX31850K



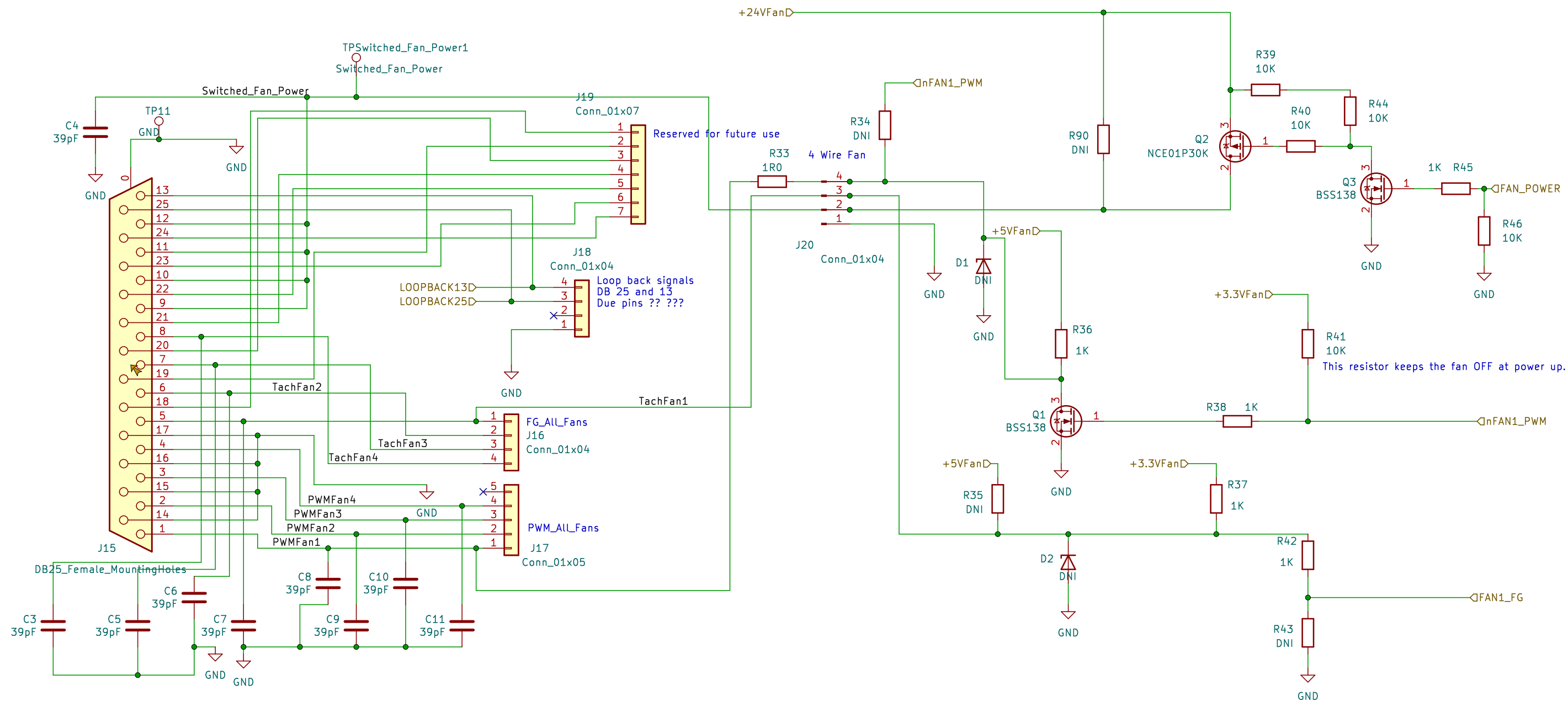




1	Vin	
2	GND	
3	SCL	
4	SDA	
5	Alert	1
6	Alert	2
7	Alert	3
8	Alert	4
9	ADR	

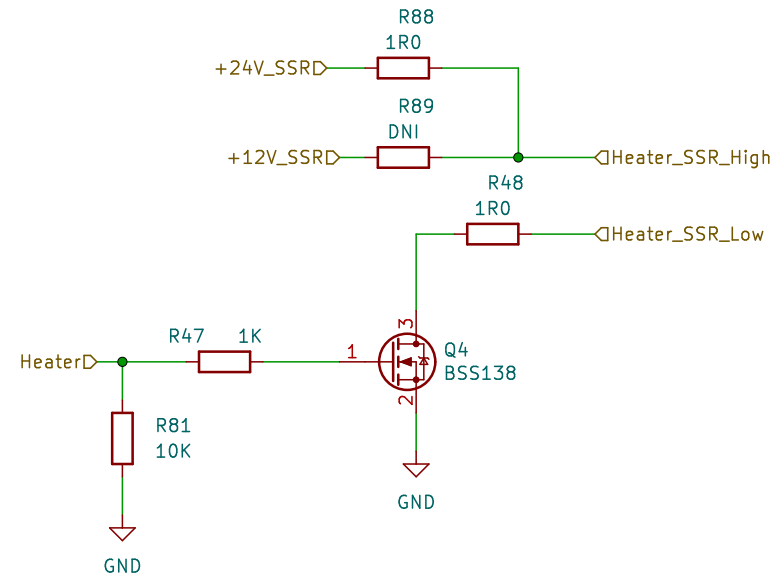


V (EN) and GND



Unit 1 Wring Notes:

Fan Breakout	Signal-Function	DB25 MALE Pin #	DB25 FEMALE Pin #	Other	Due Pin	Due Signal
1	+24V Switched (fans)	2-5	9-12		???	FAN_POWER
2	GND for all fans	22-25	14-17		GND	NA
3	#1 PWM	13	1	J10-1	D9	nFAN1_PWM
4	#1 Tach	9	5	J9-1	A0	FAN1_FG
5	#2 PWM	12	2	J10-2		nFAN2_PWM
6	#2 Tach	8	6	J9-2		FAN2_FG
7	#3 Tach	11	3	J10-3		nFAN3_PWM
8	#3 PWM	7	7	J9-3		FAN3_FG
9	#4 Tach	10	4	J10-4		nFAN4_PWM
10	#4 PWM	6	8	J9-4		FAN4_FG
			25	J11-3		
			13	J11-4		
			18	J12-1		
			19	J12-2		
			20	J12-3		
			21	J12-4		
			22	J12-5		
			23	J12-6		
			24	J12-7		



SPI 3V3 to 5V Controller Interface

An interface card for the COG
to bring out SPI bus for the GPAD.
Level shift from 5V to 3V on the CIP0.

