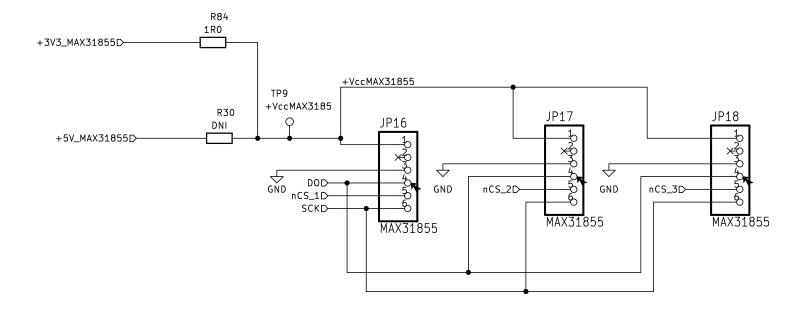
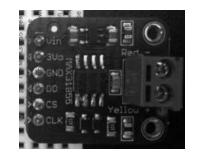
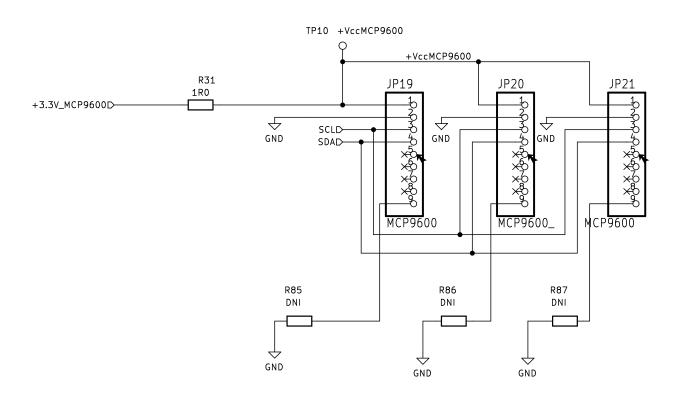


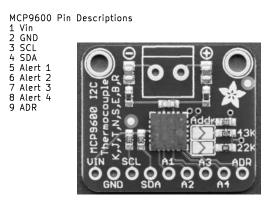
Each board will be addressed by parts on our main board. The daughter boards will need the addressing traces CUT. TP5 +VccMAX31850 UNIT 1 will have all three amplifiter boards as subaddress 0x00 UNITs beyound will have subaddress as 0x01, 0x02 and 0x04. R82 1R0 +3V3_MAX31850KD— Three Adafruit-MAX31850-thermocouple
Thermocouple Amplifier with 1-Wire Breakout Board - MAX31850K R17 DNI +VccMAX31850 +5V_MAX31850KD-_+VccMAX31850 _+VccMAX31850 SolderJumperk3_Bridged12 SolderJumper 3_Bridged12 SolderJumper 3_Bridged12 Subaddress: 0x01 A0 Hi A1 Low A2 Low A3 Low JP9 SolderJumper 3_Bridged12 MAX31850K TP6 O +VccMAX31<u>850_1</u> SolderJumper 3_Bridged12 Subaddress: 0x04 A0 Low A1 Low A2 Hi A3 Low R22 MAX31850K R18 SolderJumperk3_Bridged12 1K R29 GND SolderJumper 3_Bridged12 R28 DATAD-R26 1K R27 SolderJumper 3_Briddged12 _ +VccMAX31850 TP8 O +VccMAX31**B**50_3 \rightarrow GND SolderJumper 3_Bridged12 R83 4K7 GND Subaddress: 0x02 A0 Low A1 Hi A2 Low A3 Low SolderJumper 3_Bridged12 MAX31850K SolderJumper 3_Bridged12 GND 1K R25 LK R24 R21 R23 SolderJumper 3_Bridded12 ___ TP7 \ +VccMAX31850_2 JP10 GND

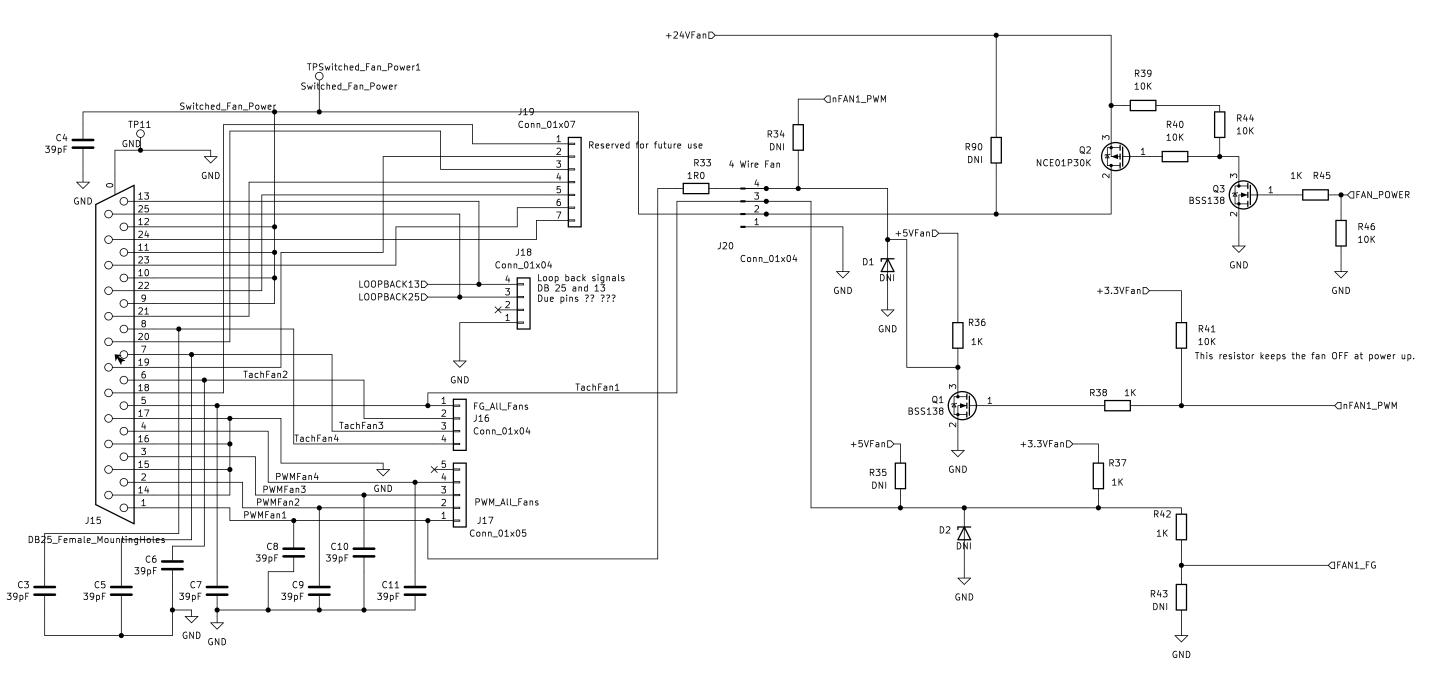






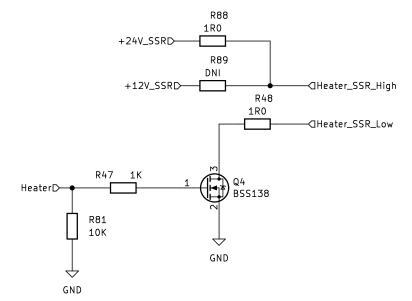
TO DO: Solder on the modules directly to set subaddress. Default is 0x67.





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

V (EN) and GND



SPI 3V3 to 5V Controller Interface

