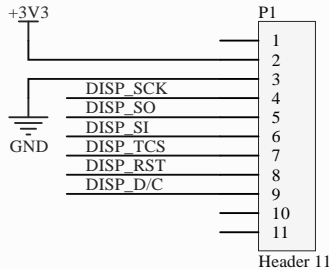
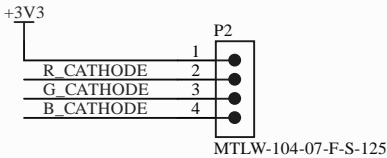


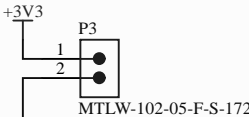
DISPLAY



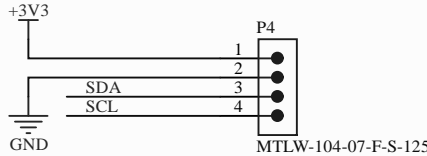
RGB LED



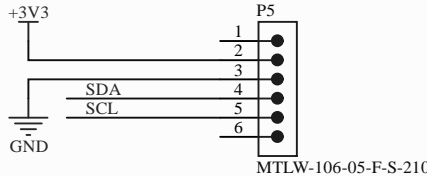
LASER MODULE



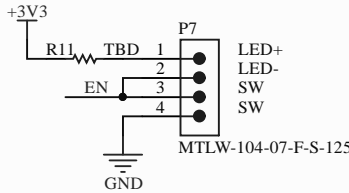
THERMAL SENSOR



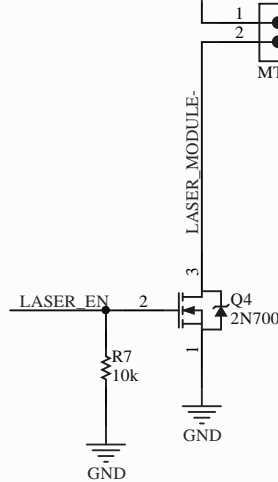
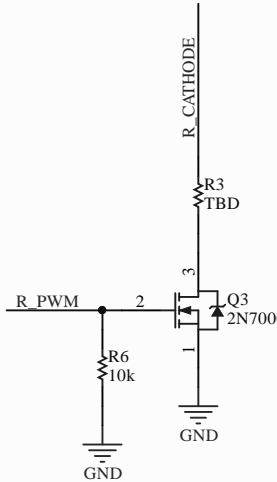
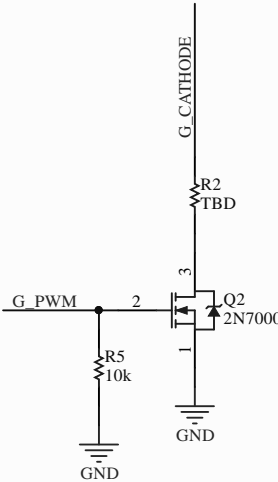
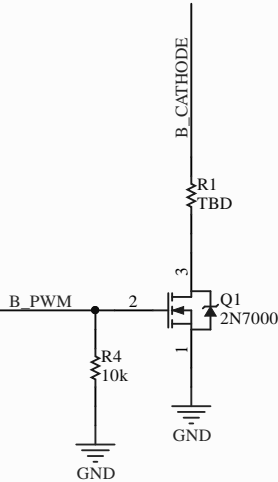
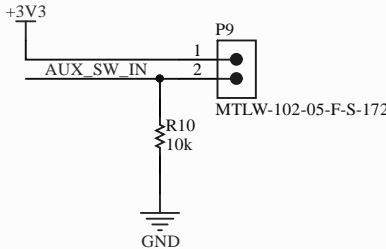
AMG8833 - 8x8 IR GRID EYE



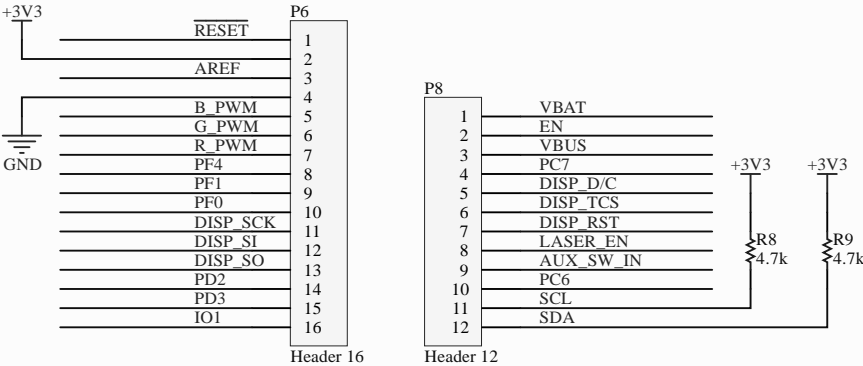
ENABLE SWITCH



AUX SWITCH



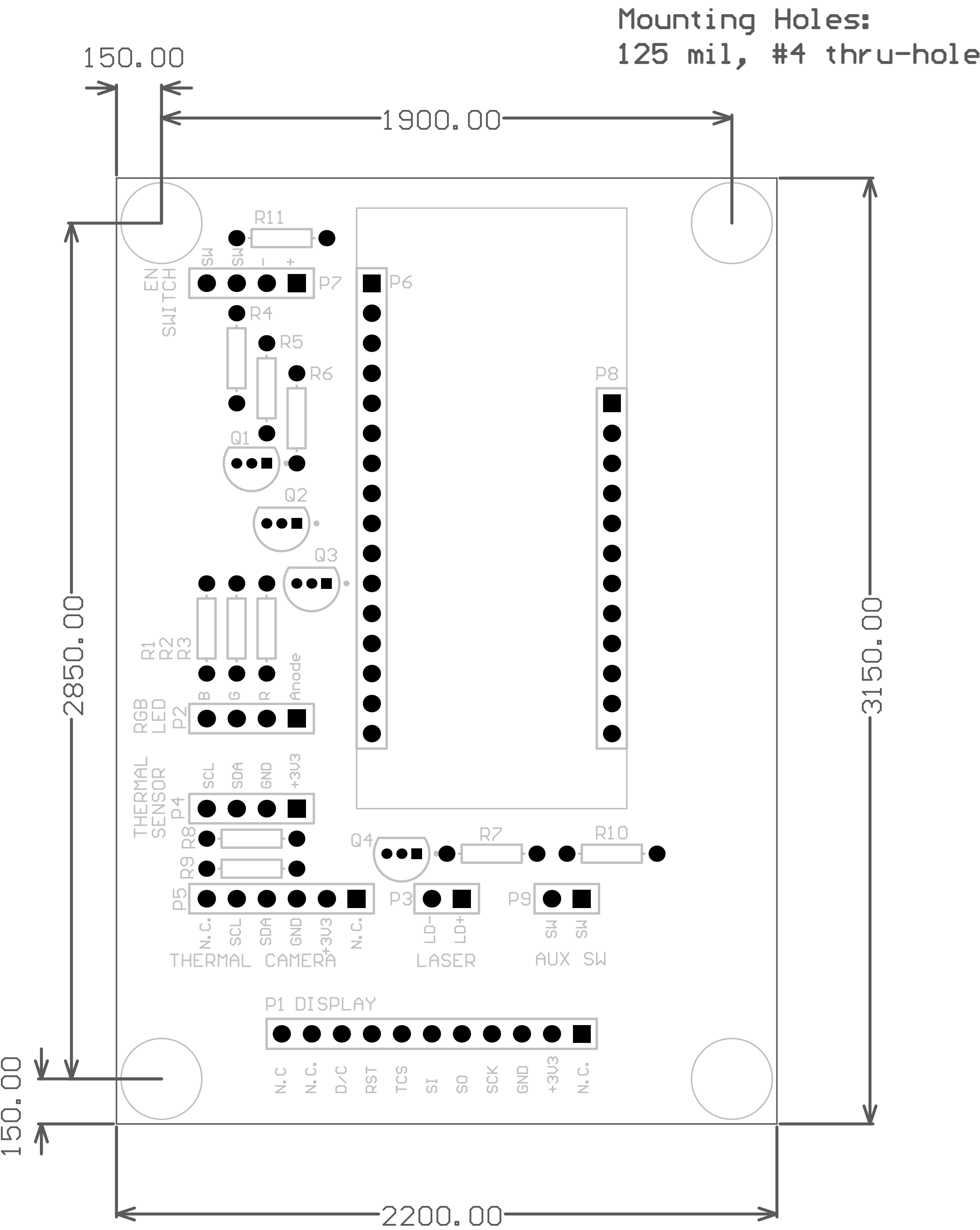
FEATHER 32u4 LoRa



Layer	Name	Material	Thickness	Constant	Board Layer Stack
	Top Overlay				
	Top Solder	Solder Resist	0.40mil	3.5	
1	Top Layer	Copper	1.40mil		
	Dielectric 2	PP-006	10.00mil	4.1	
2	Internal Layer 1	Copper	1.38mil		
	Dielectric 1	FR-4	40.00mil	4.8	
3	Internal Layer 2	Copper	1.38mil		
	Dielectric 3	PP-006	10.00mil	4.1	
4	Bottom Layer	Copper	1.40mil		
	Bottom Solder	Solder Resist	0.40mil	3.5	
	Bottom Overlay				

Total board thickness: 66.36mil

- Notes
- 1.) 4-layer FR4 stackup
  - 2.) finished board thickness 0.062" +/- 10%
  - 3.) N/A
  - 4.) soldermask: LPI green
  - 5.) silkscreen: white non-conductive epoxy ink



BOARD OUTLINE

TOP SILKSCREEN

