

AMPLIFIERS

Channel: 5

Channel: 6

9dB gain

Channel: 1

Channel: 2

Channel: 3

Channel: 4

Channel: 11

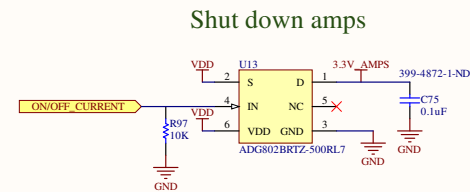
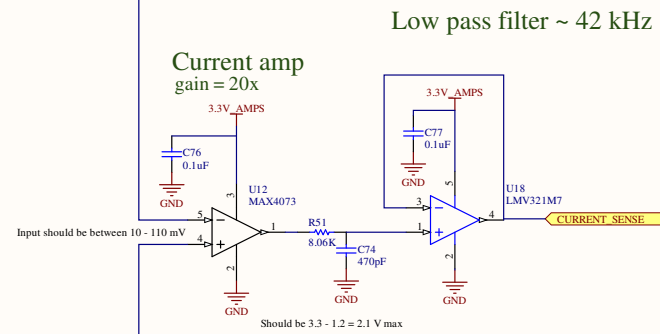
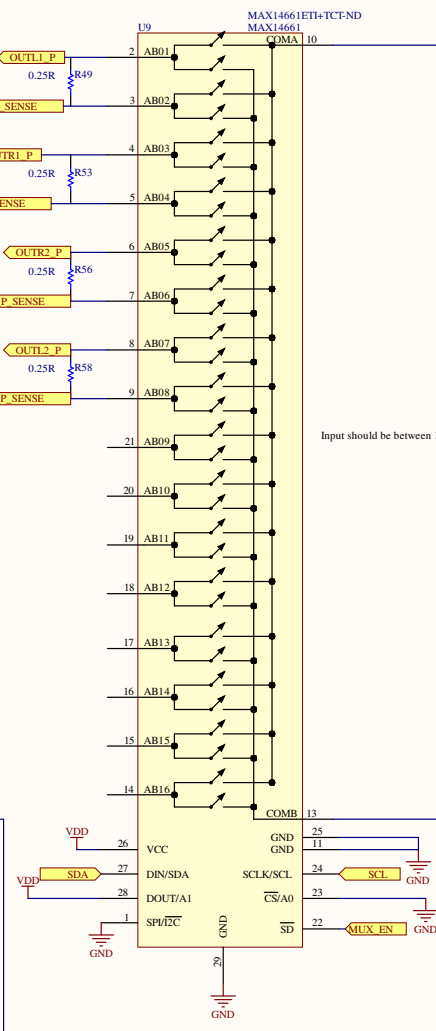
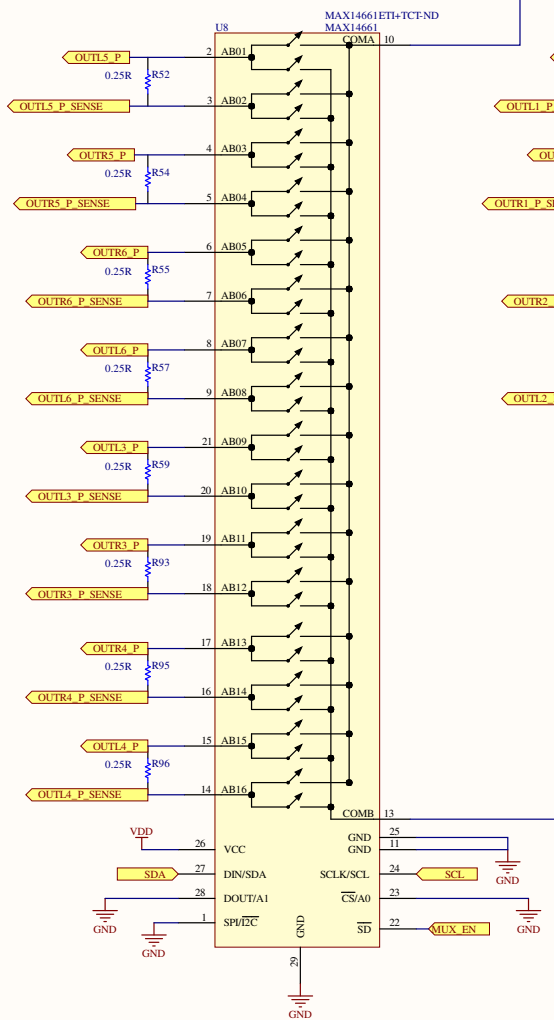
Channel: 12

Channel: 9

Channel: 10

Channel: 7

Channel: 8

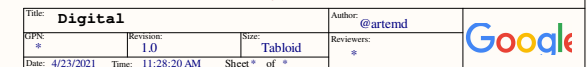
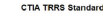


Title: Current Sensing	Author: *
GrAc: *	Revision: *
Date: 4/23/2021	Time: 11:28:19 AM
Sheet: * of *	Size: Tabloid
	Reviewers: *

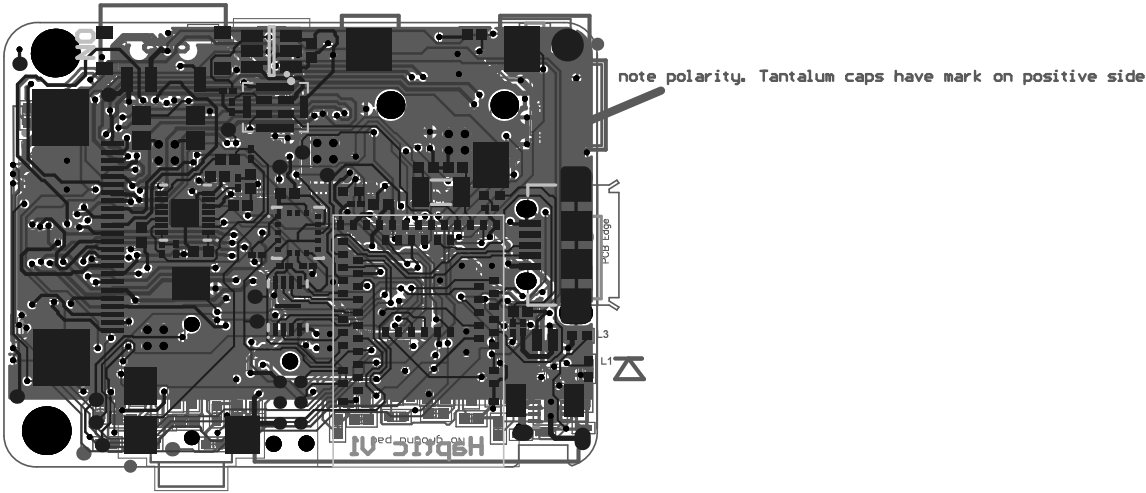


PROBLEMS

- 1) INT1 connected to Bootloader switch. Cut INT1 trace
- 2) Space USB port and audio jack further
- 3) Small audio jack use for serial and large for audio
- 4) Green LED is dim
- 5) Audio amp out not connected to ADC



1mm total thickness
white soldermask
Immersion gold finish



Layer	Name	Material	Thickness	Constant	Gerber	Board Layer Stack
	Top Overlay				GTO	
	Top Solder	Solder Resist	0.010mm	3.5	GTS	
1	TOP SIGNAL		0.036mm		GTL	
	Dielectric 2	PP-006	0.071mm	4.1		
2	Top GND	CF-004	0.035mm		GP1	
	Dielectric 4	PP-006	0.071mm	4.1		
3	SIGNAL	CF-004	0.035mm		G1	
	Dielectric 1	FR-4	0.320mm	4.8		
4	VCC	CF-004	0.035mm		G2	
	Dielectric 5	PP-006	0.071mm	4.1		
5	GND	CF-004	0.035mm		GP2	
	Dielectric 3	PP-006	0.071mm	4.1		
6	BOTTOM SIGNAL		0.036mm		GBL	
	Bottom Solder	Solder Resist	0.010mm	3.5	GBS	
	Bottom Overlay				GB0	

Total board thickness: 0.836mm