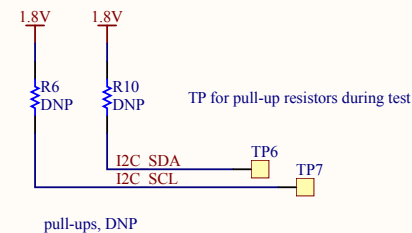
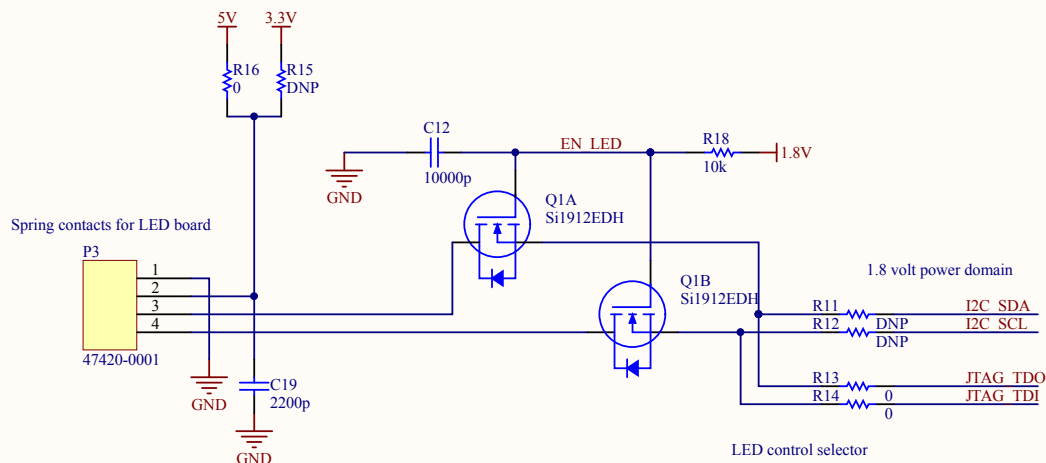


# Hello

TITLE		REV
Temperature / Humidity		EVT2
DATE	DRAWN BY	
8/18/2014	D. Fusi	SHEET 2 OF 3

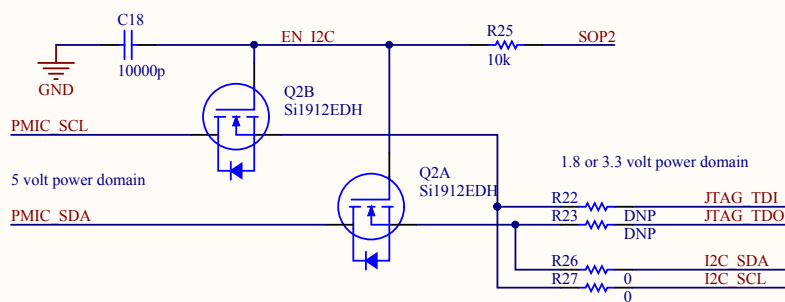
A

A

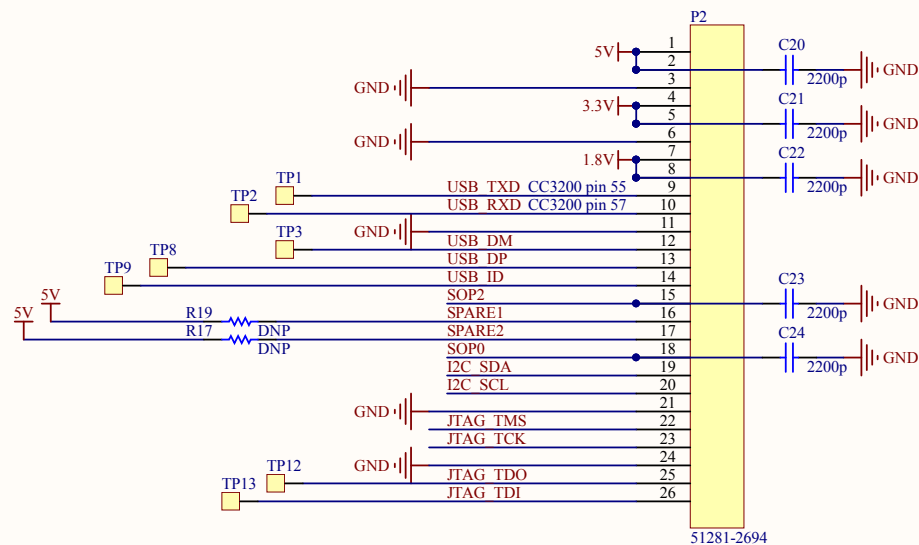


B

B

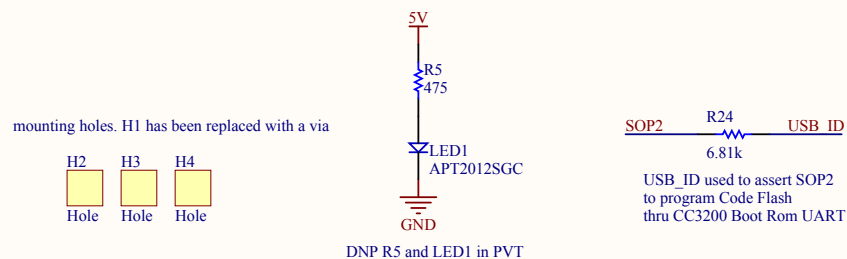


connector to the middle board



C

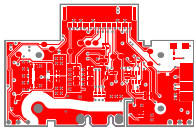
C

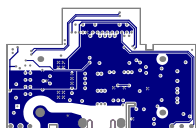


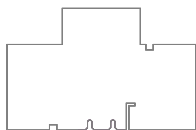
D

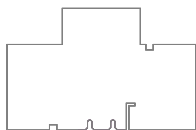
D

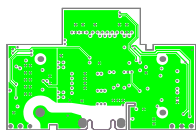
Hello		REV	
		EVT2	
TITLE		DRAWN BY	
Morpheus_bottom		D. Fusi	
DATE		SHEET 3 OF 3	
8/29/2014			



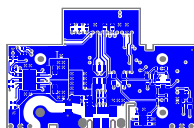




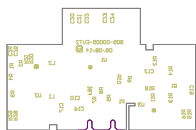




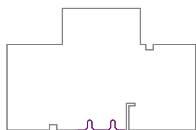


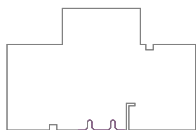








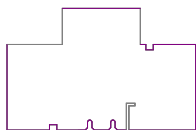










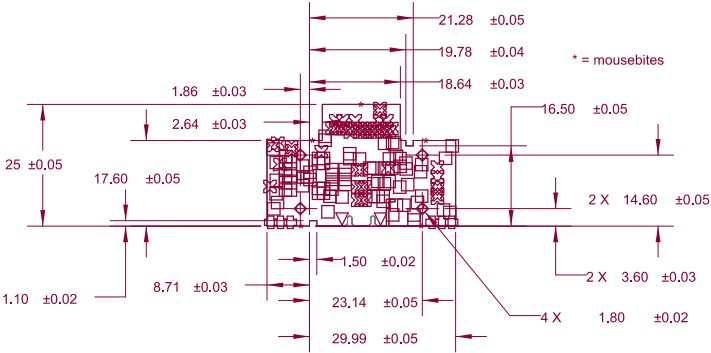


Fabrication / Assembly Notes

- 1. Material: Rigid FR-4, RoHS compliant
- 2. Number of electrical layers: 4
- 3. Trace / Space minimum: 5mil (all layers)
- 4. Thickness: 1.25mm (finished)
- 5. Finish: ENIG plating on exposed copper
- 6. Soldermask: per IPC-SM-840, color black registration within +/- 50um of circuit layer
- 7. Silkscreen: do print silkscreen on top and bottom layers
- 8. RoHS: parts shall be RoHS compliant as per European Union directive 2002/95/EC
- 9. Board must meet or exceed 94V-0
  - 5 cycles at 250 degrees celsius
- 10. All Test/QA/QC markings to be made on back side of PCB
- 11. x mousebites shall be no larger than 0.05 mm
- 12. All Dimensions are after plating/finishing
- 13. All components must be placed within +/- 0.10mm

Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Paste				[Hatched Pattern]
2	Top Overlay				
3	Top Solder	Solder Resist	0.010mm	3.5	
4	Top Layer	Copper	0.036mm		
5	Dielectric1	FR-4	0.254mm	4.2	
6	GND	Copper	0.036mm		
7	Dielectric2		0.254mm	4.2	
8	Pu2	Copper	0.036mm		
9	Dielectric3		0.127mm	4.2	
10	Bottom Layer	Copper	0.036mm		
11	Bottom Solder	Solder Resist	0.010mm	3.5	
12	Bottom Overlay				
13	Bottom Paste				

Symbol	Hit Count	Finished Hole Size	Plated	Hole Type
▽	2	0.600mm (23.62mil)	PTH	Slot
◇	4	1.800mm (70.87mil)	PTH	Round
○	6	0.700mm (27.56mil)	PTH	Round
⊗	50	0.305mm (12.01mil)	PTH	Round
□	84	0.200mm (7.87mil)	PTH	Round
146 Total				



METRIC		DRAWER	DATE	TITLE:	
DIMENSIONS ARE IN MILLIMETERS		DESIGNER	DATE		
TOLERANCES:				THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF HELLO INC.	
0 > - < 2 0.05					
2 > - < 10 0.08					
10 > - < 50 0.10					
50 > - < 100 0.15					
100 > - < 200 0.20					
200 > - 0.20					
ANGLES 1.00					
ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF HELLO INC IS PROHIBITED.		SIZE	DWG. NO.		
		B			
		SCALE: 2:1	WEIGHT:	SHEET 1 OF 1	

