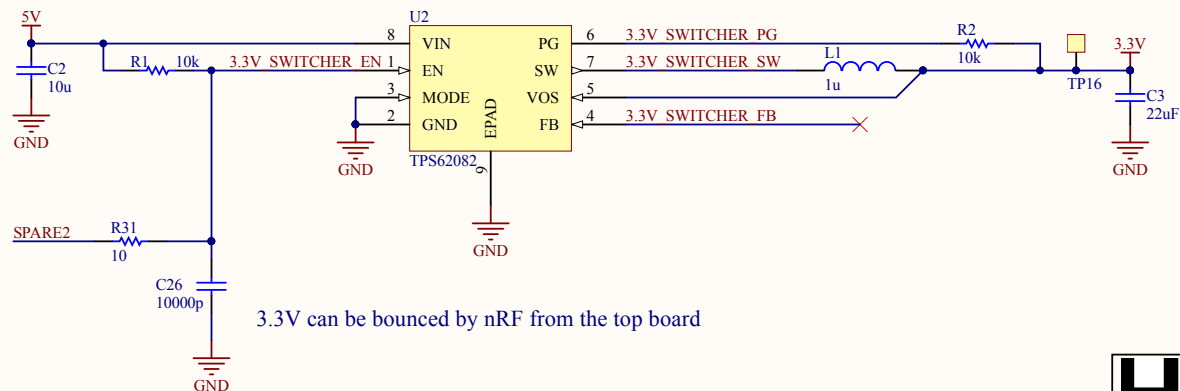
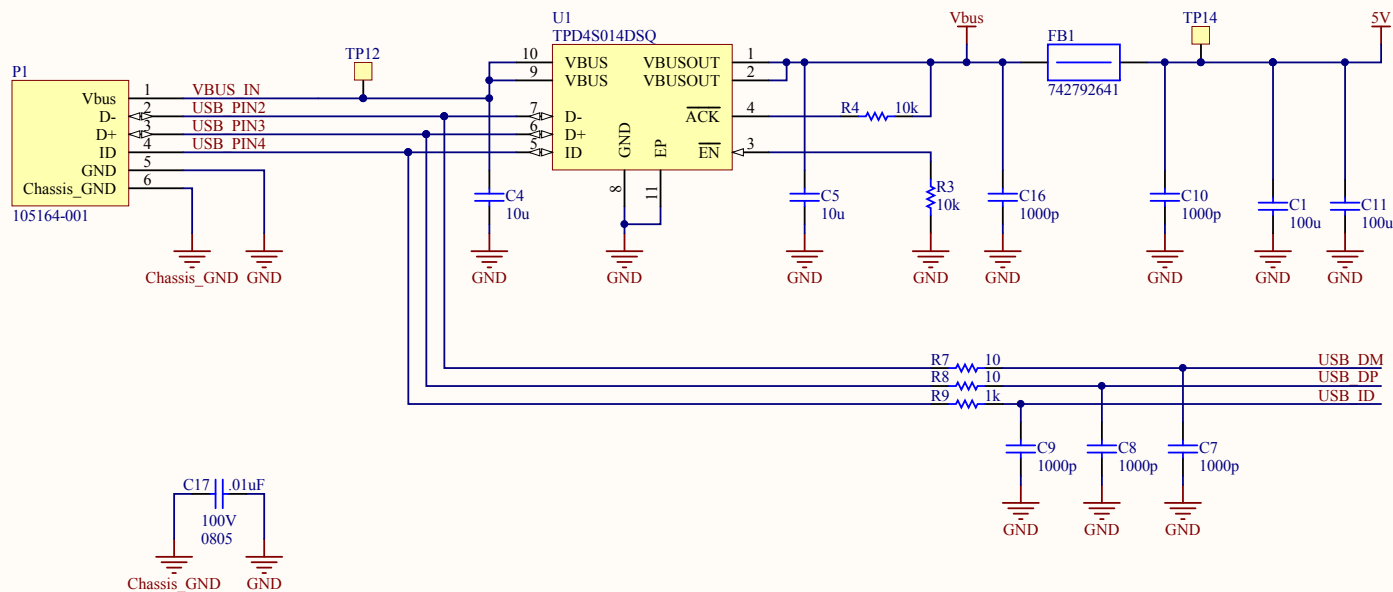
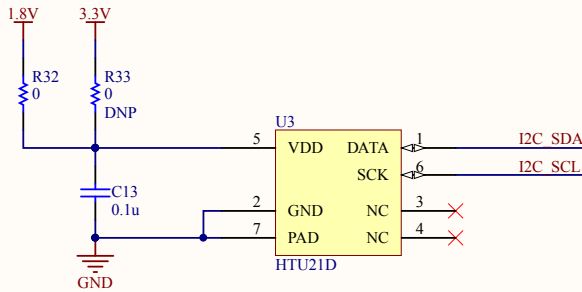


ESD and Overvolt protection



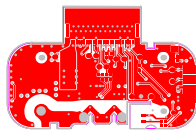
<h1>Hello</h1>	
TITLE Power management	REV PVT
DATE 12/30/2014	DRAWN BY D. Fusi
SHEET 1 OF 3	

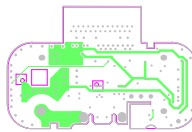
Supply needs to be 1.8V when I2C is pulled up to 1.8V. VIH for HTU21D is .7Vdd

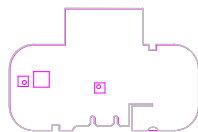


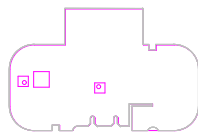
Hello

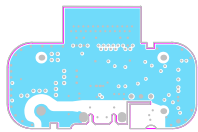
TITLE		REV
Temperature / Humidity		PVT
DATE	DRAWN BY	SHEET 2 OF 3
12/30/2014	D. Fusi	

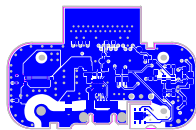




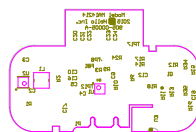


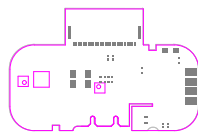


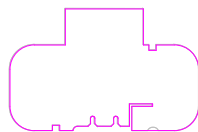


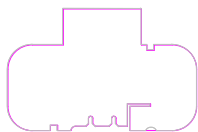






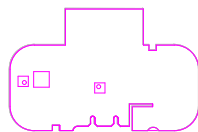










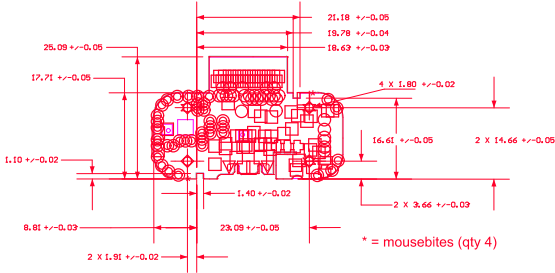



Fabrication / Assembly Notes

- 1. Material: Rigid FR-4, RoHS compliant; material should meet or exceed requirements of IPC 4101/126. ITEG IT-180A Pre-approved.
- 2. Number of electrical layers: 4
- 3. Trace / Space minimum: 5mil (all layers)
- 4. Thickness: .97mm +/- 0.1mm (finished)
- 5. Finish: ENIG plating on exposed copper
- 6. Soldermask: per IPC-SM-840, color matte black registration within +/- 76um of circuit layer
- 7. Silkscreen: use white silkscreen on top and bottom layers. Clip on pads.
- 8. RoHS: parts shall be RoHS compliant as per European Union directive 2002/95/EC
- 9. Board must be lead free process compatible and able to withstand minimum of 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					
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	FR-4	0.330mm	4.2		
8	PLR	Copper	0.036mm			
9	Dielectric3	FR-4	0.254mm	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
⊙	1	1.800mm <70.87mil>	PTH	Round
▽	2	0.600mm <23.62mil>	PTH	Slot
⊖	3	1.800mm <70.87mil>	NPTH	Round
○	4	0.700mm <27.56mil>	PTH	Round
○	32	0.305mm <12.00mil>	PTH	Round
●	38	0.400mm <15.75mil>	PTH	Round
□	73	0.200mm <7.87mil>	PTH	Round
	153 Total			



METRIC		DRAWN	DATE	<div></div>	
DIMENSIONS ARE IN MILLIMETERS		DESIGNER	DATE		
TOLERANCES:		dfusi / rsb/ ben	01/12/2015	TITLE: Morpheus Bottom Board	
0 > - < 2 0.10		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF HELLO INC. ANY REPRODUCTION IN PART OR AS A WHOLE, WITHOUT THE WRITTEN PERMISSION OF HELLO INC IS PROHIBITED.		SIZE: B	
2 > - < 10 0.10				DWG. NO. 201-00005-A	
10 > - < 50 0.10				REV	
50 > - < 100 0.15				SCALE: 2:1	
100 > - < 200 0.20				WEIGHT:	
200 > - 0.20				SHEET 1 OF 1	
ANGLES 1.00					

