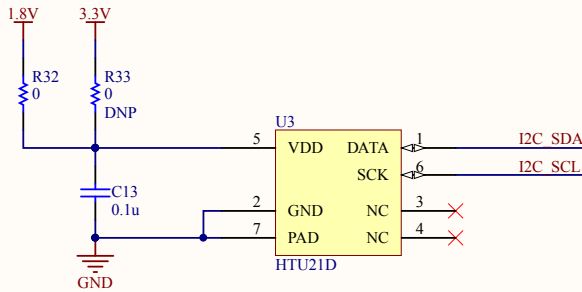
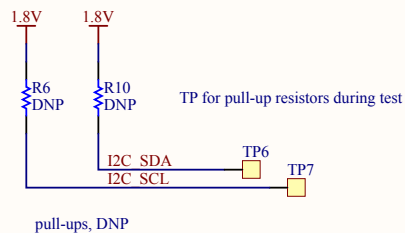
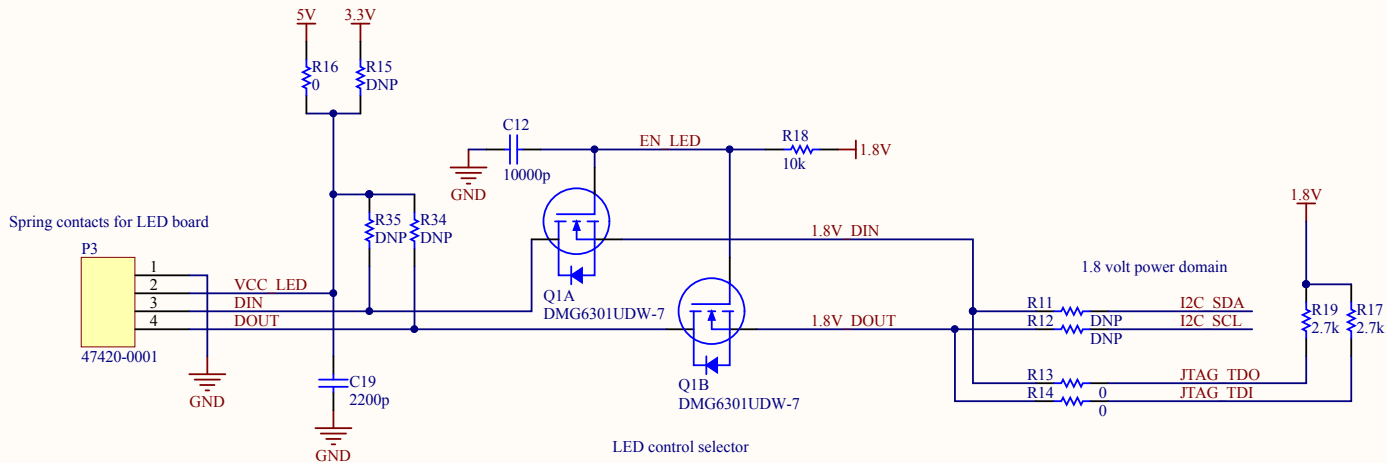


Supply needs to be 1.8V when I2C is pulled up to 1.8V. VIH for HTU21D is .7Vdd

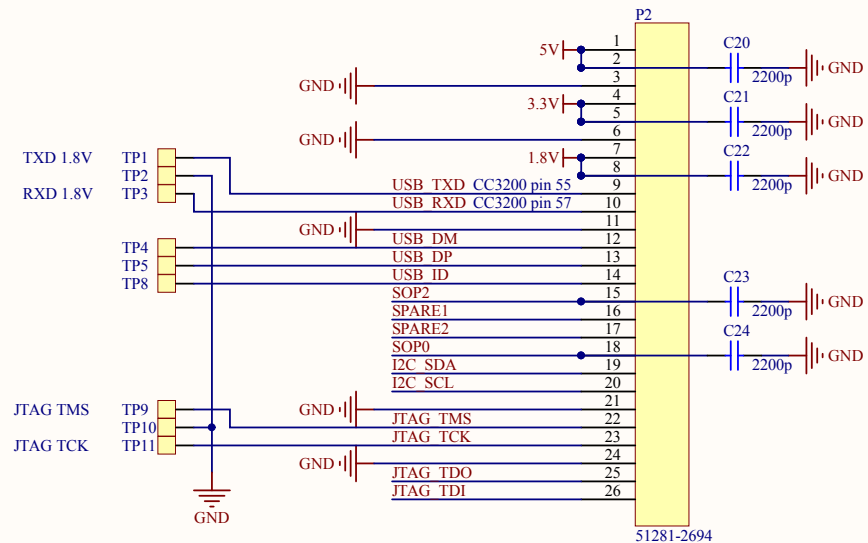


Hello

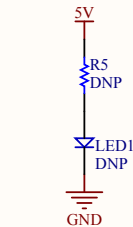
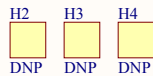
TITLE		REV
Temperature / Humidity		DVT
DATE	DRAWN BY	SHEET 2 OF 3
11/11/2014	D. Fusi	



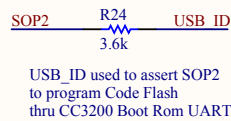
connector to the middle board



mounting holes. H1 has been replaced with a via

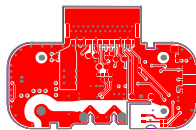


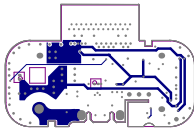
DNP R5 and LED1 in PVT

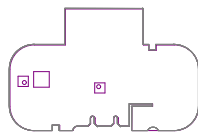


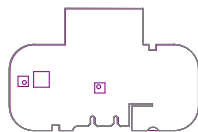
Hello

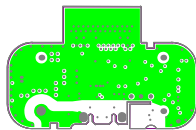
TITLE Morpheus_bottom		REV DVT
DATE 11/6/2014	DRAWN BY D. Fusi	SHEET 3 OF 3

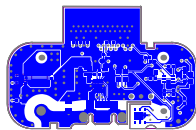




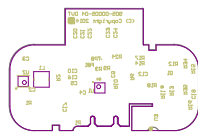


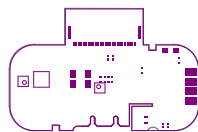


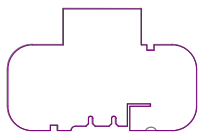


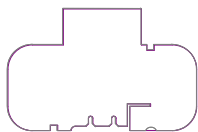






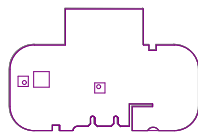










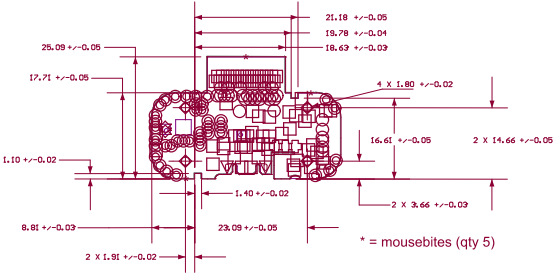


Fabrication / Assembly Notes

- 1. Material: Rigid FR-4, RoHS compliant; material should meet or exceed requirements of IPC 4101/129
- 2. Number of electrical layers: 4
- 3. Trace / Space minimum: 5mil (all layers)
- 4. Thickness: .97mm (finished)
- 5. Finish: ENIG plating on exposed copper
- 6. Soldermask: per IPC-SM-840, color matte black registration within +/- 50um of circuit layer
- 7. Silkscreen: do printed silkscreen on top and bottom layers, color white. 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				[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	FR-4	0.300mm	4.2	
8	Pu2	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
⊕	2	0.300mm <11.81mil	PTH	Round
∇	2	0.600mm <23.62mil	PTH	Slot
⊙	4	0.700mm <27.56mil	PTH	Round
⊖	4	1.800mm <70.87mil	PTH	Round
○	32	0.305mm <12.00mil	PTH	Round
●	38	0.400mm <15.75mil	PTH	Round
□	72	0.200mm <7.87mil	PTH	Round
154 Total				



METRIC

DIMENSIONS ARE IN MILLIMETERS

TOLERANCES:

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

DRAWER

DESIGNER

dfusi / rsb

DATE

11/17/2014

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hello

TITLE:

Morpheus Bottom Board

SIZE

DWG.

NO.

201-00005-04

REV

SCALE: 2:1

WEIGHT:

SHEET 1 OF 1

