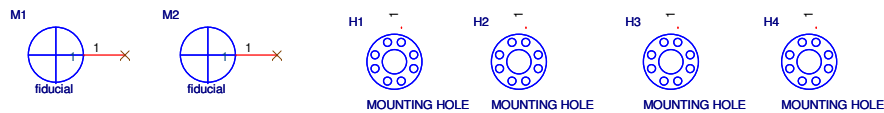
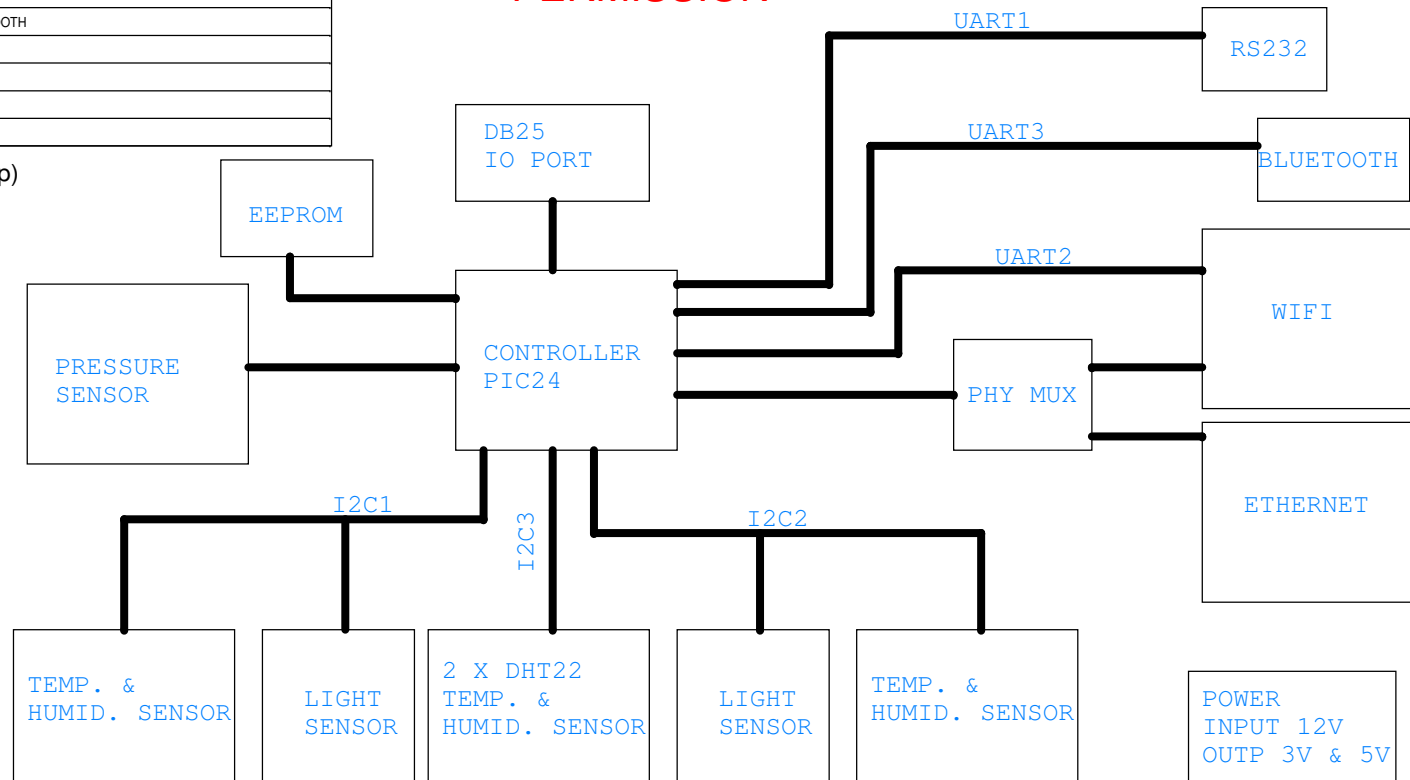


# OSMO CONTROLLER

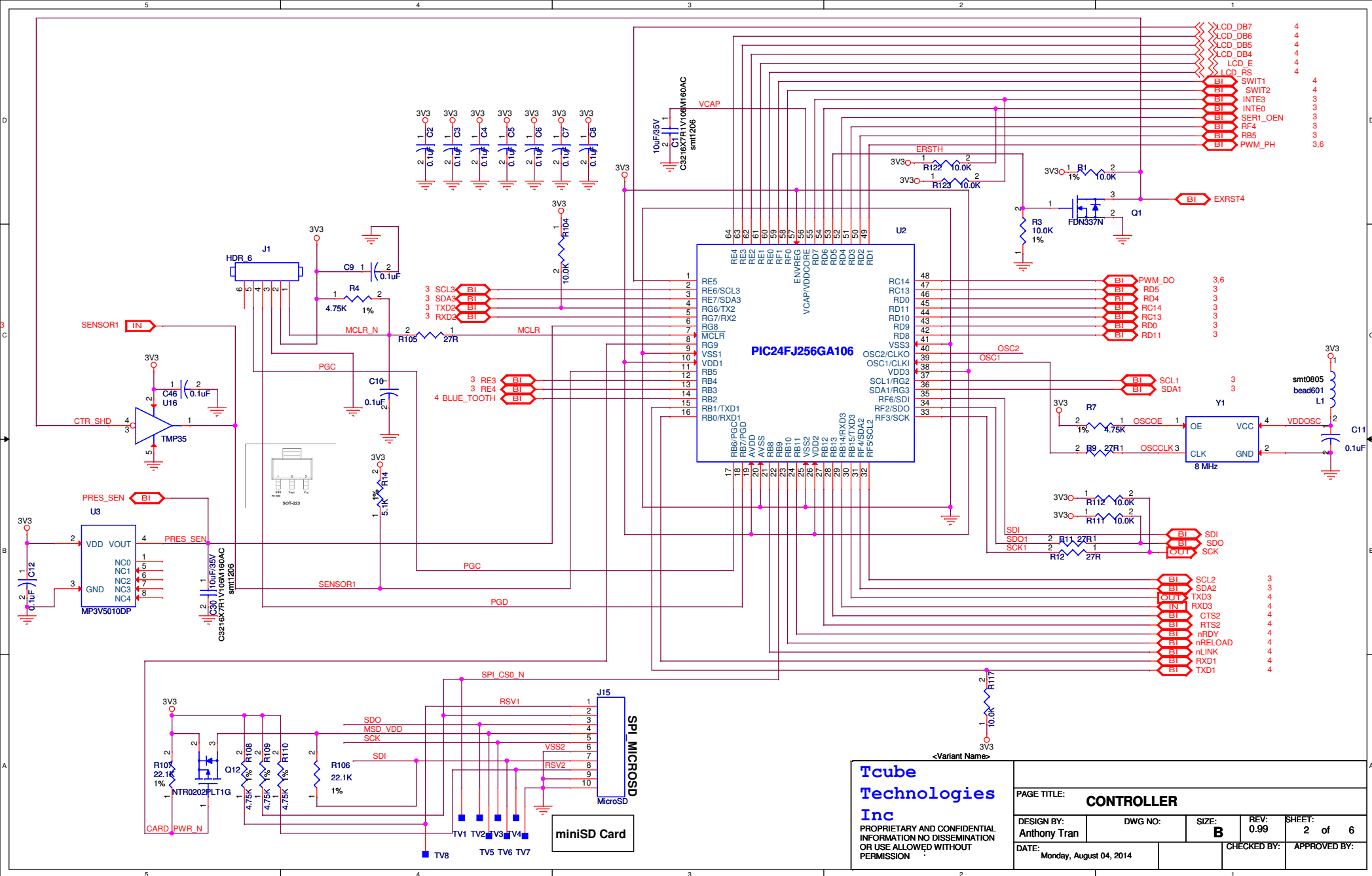
PAGE #	COMPONENT/FUNCTION
1	COVER PAGE.
2	CONTROLLER
3	I2C IO PORT
4	ETHERNET - WIFI - BLUETOOTH
5	POWER
6	LED DRIVER
7	NC
8	NC

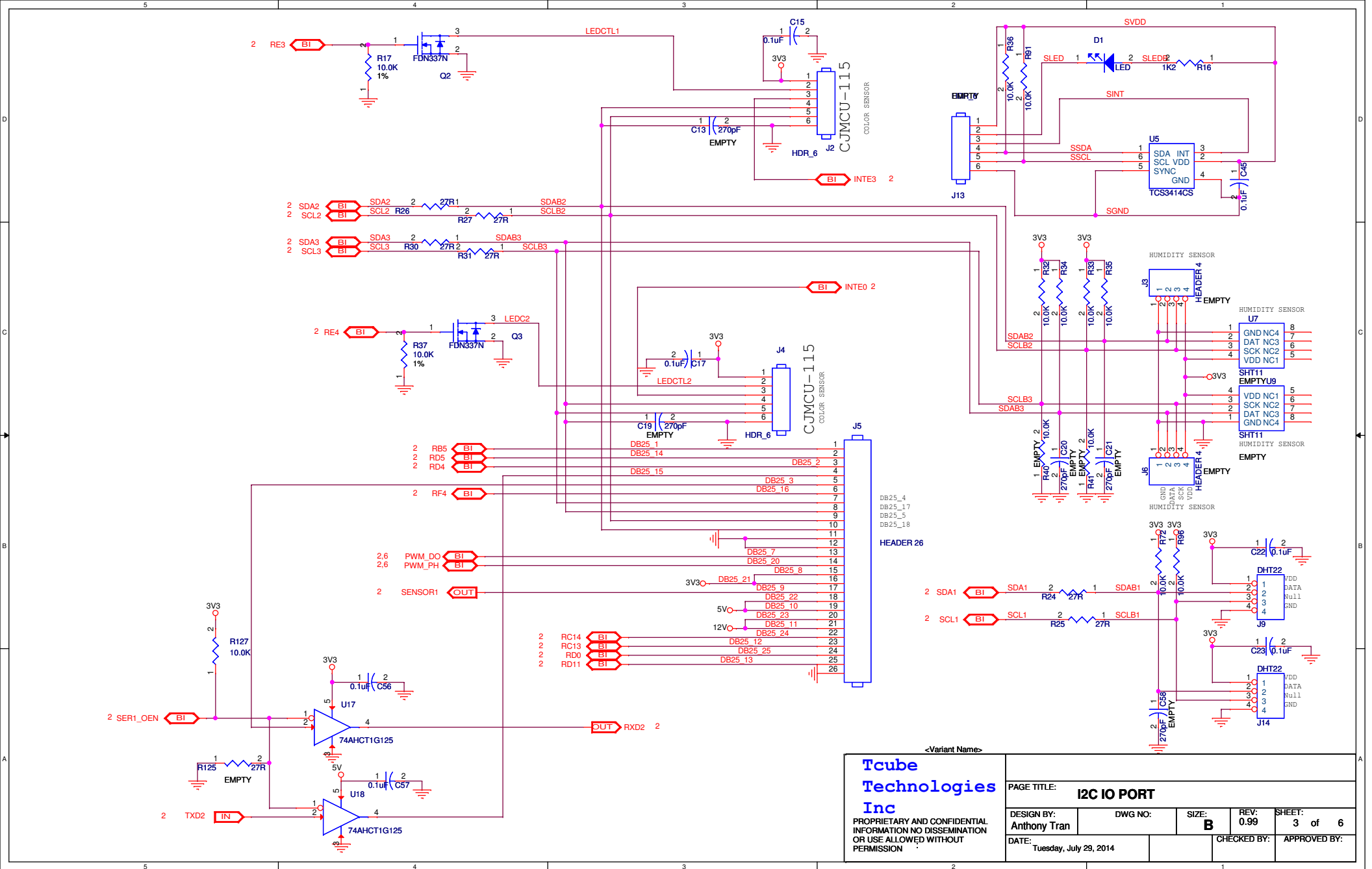
(Controller based on PIC Chip)  
Osmo Controller 4 Layers



CONFIDENTIAL DOCUMENT DO NOT MAKE ANY COPY  
WITHOUT TCUBE TECHNOLOGIES INC WRITTEN  
PERMISSION

<Variant Name>				
<b>Tcube Technologies Inc</b> PROPRIETARY AND CONFIDENTIAL INFORMATION NO DISSEMINATION OR USE ALLOWED WITHOUT PERMISSION				
PAGE TITLE: <b>COVER PAGE</b>				
DESIGN BY: Anthony Tran	DWG NO:	SIZE: <b>B</b>	REV: 0.99	SHEET: 1 of 7
DATE: Tuesday, August 05, 2014	CHECKED BY:		APPROVED BY:	





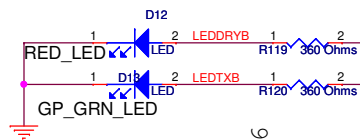
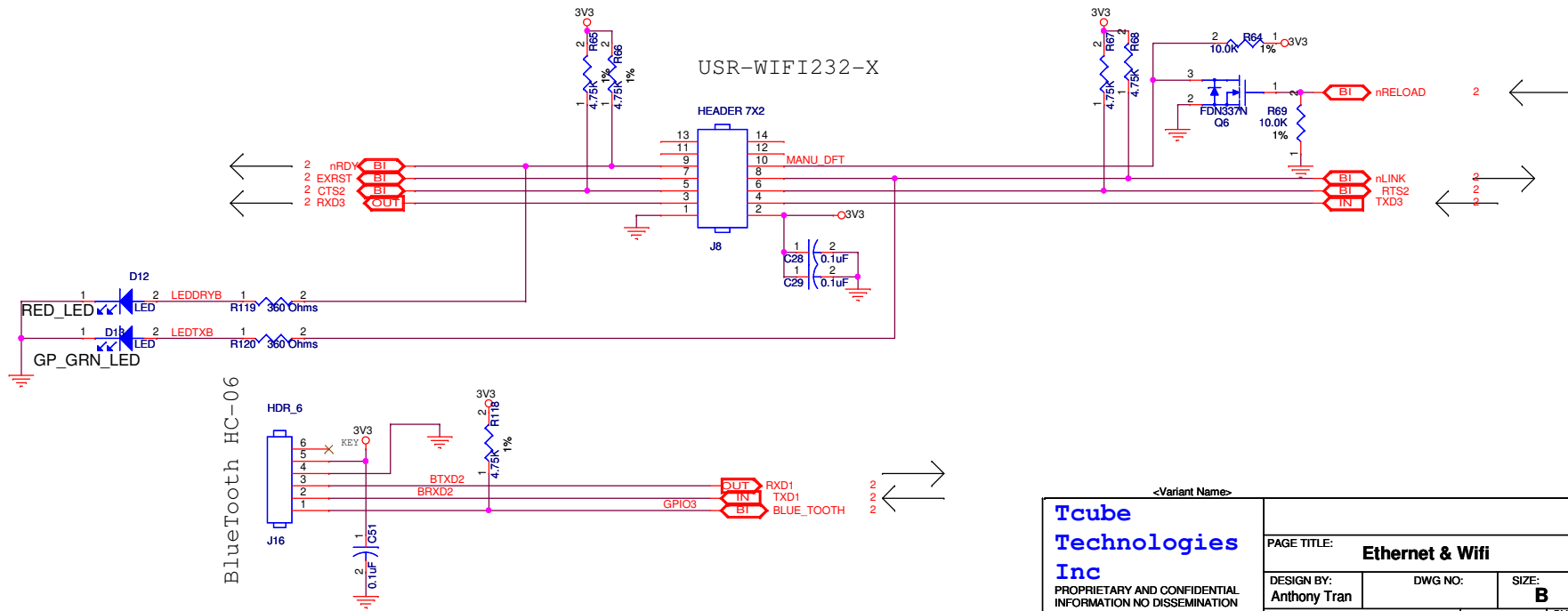
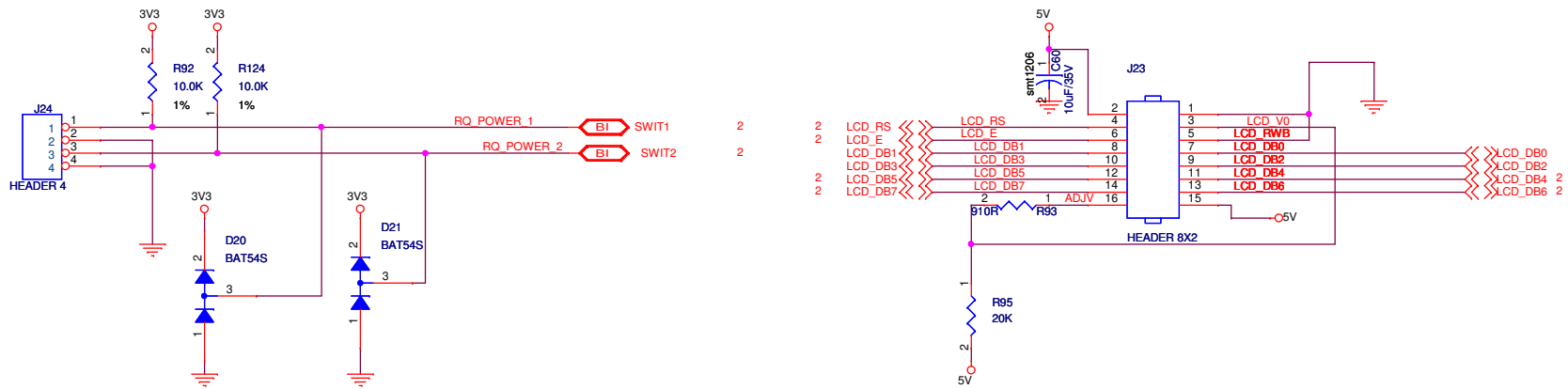
**Tcube Technologies Inc**

PROPRIETARY AND CONFIDENTIAL  
INFORMATION NO DISSEMINATION  
OR USE ALLOWED WITHOUT  
PERMISSION

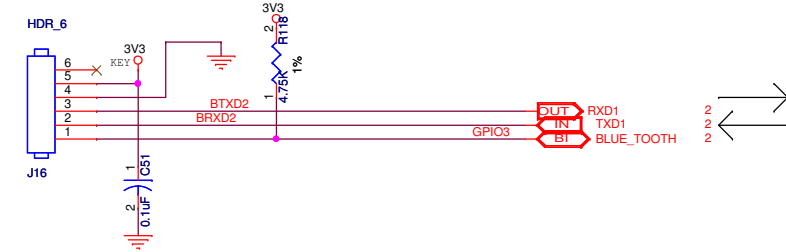
<Variant Name>

PAGE TITLE: <b>I2C IO PORT</b>	
DESIGN BY: Anthony Tran	DWG NO:
DATE: Tuesday, July 29, 2014	CHECKED BY:

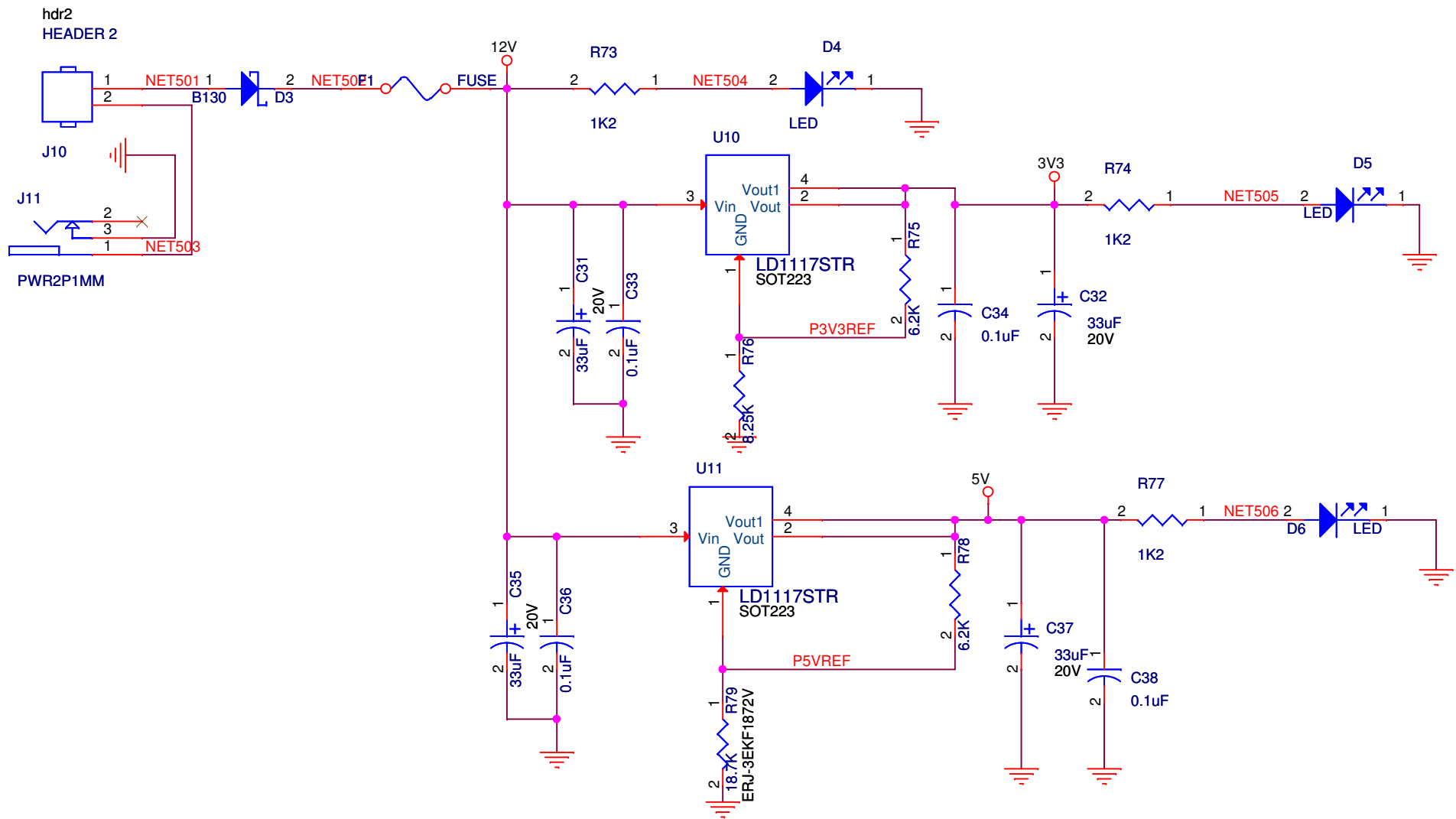
SIZE: <b>B</b>	REV: 0.99	SHEET: 3 of 6
APPROVED BY:		



Bluetooth HC-06



<b>Tcube Technologies Inc</b> PROPRIETARY AND CONFIDENTIAL INFORMATION NO DISSEMINATION OR USE ALLOWED WITHOUT PERMISSION		PAGE TITLE: <b>Ethernet &amp; Wifi</b>			
		DESIGN BY: Anthony Tran	DWG NO:	SIZE: <b>B</b>	REV: 0.99
DATE: Tuesday, July 29, 2014		CHECKED BY:		APPROVED BY:	
				SHEET: 4 of 6	



<Variant Name>

**Tcube  
Technologies  
Inc**

PROPRIETARY AND CONFIDENTIAL  
INFORMATION NO DISSEMINATION  
OR USE ALLOWED WITHOUT  
PERMISSION

PAGE TITLE:

**POWER**

DESIGN BY:  
Anthony Tran

DWG NO:

SIZE:  
**A**

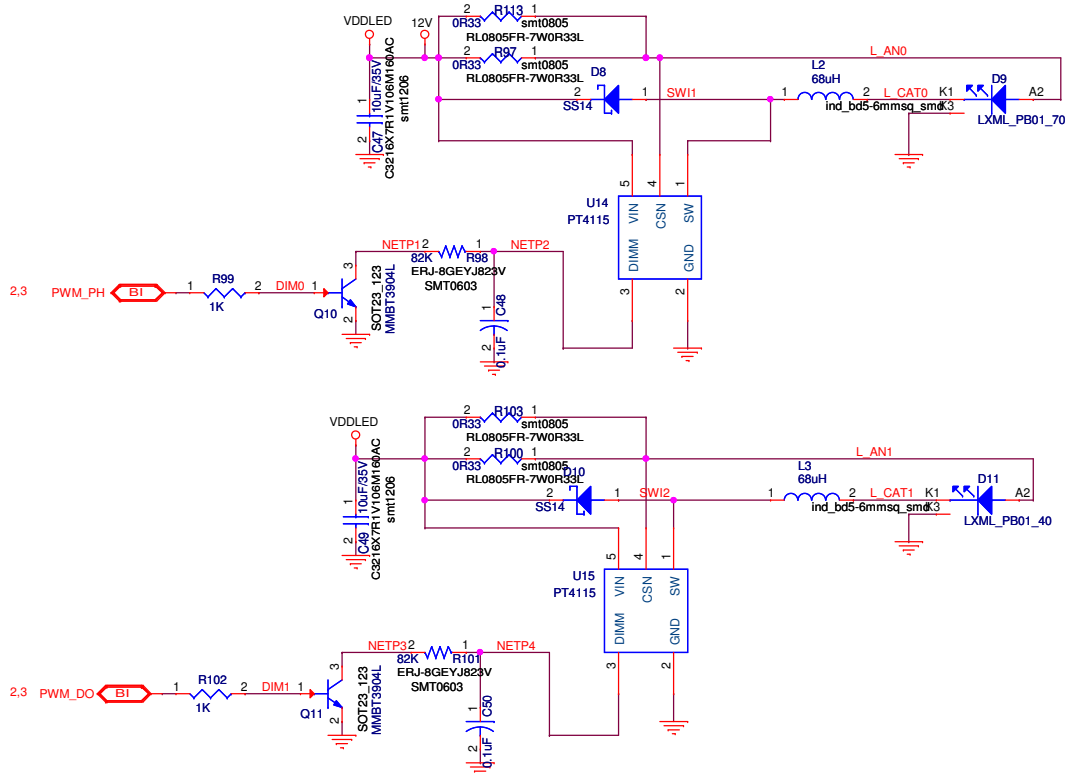
REV:  
0.99

SHEET:  
5 of 6

DATE:  
Monday, August 04, 2014

CHECKED BY:

APPROVED BY:



<Variant Name>					
PROPRIETARY AND CONFIDENTIAL INFORMATION NO DISSEMINATION OR USE ALLOWED WITHOUT PERMISSION		PAGE TITLE: <b>LED DRIVER</b>			
		DESIGN BY: Anthony Tran	DWG NO:	SIZE: <b>B</b>	REV: 0.99
		DATE: Monday, August 04, 2014	CHECKED BY:	SHEET: 6 of 6	
				APPROVED BY:	