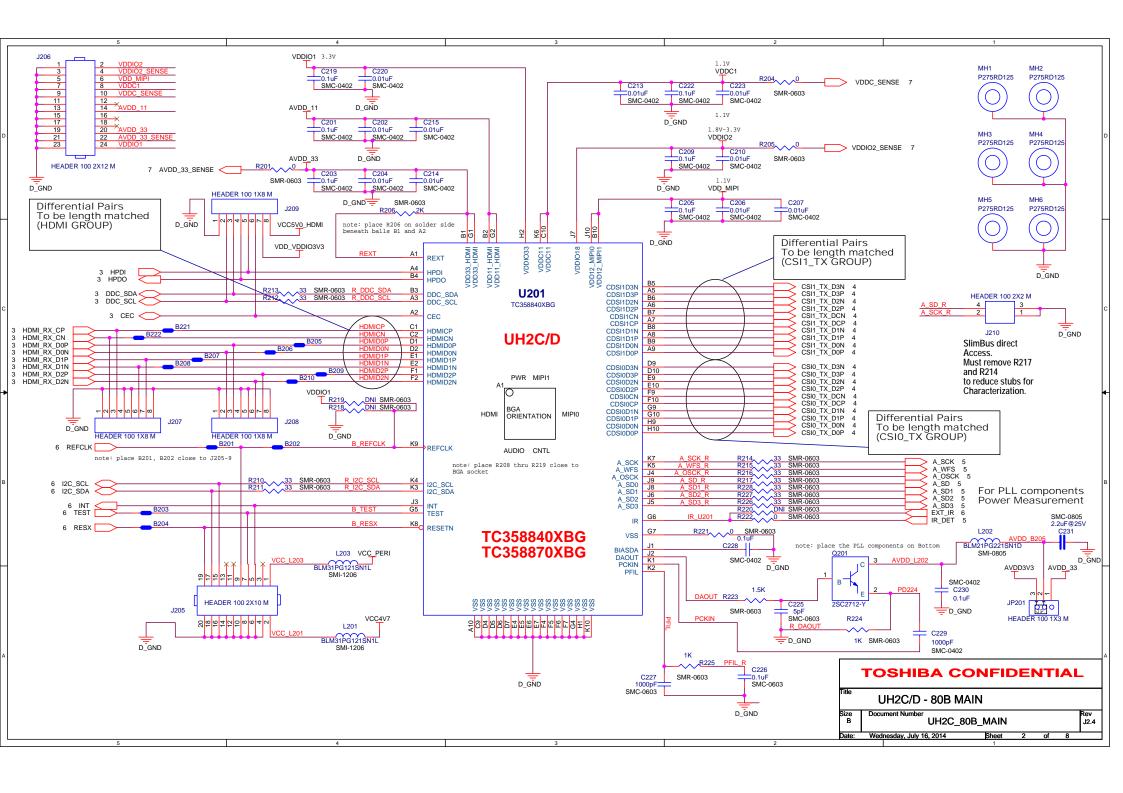
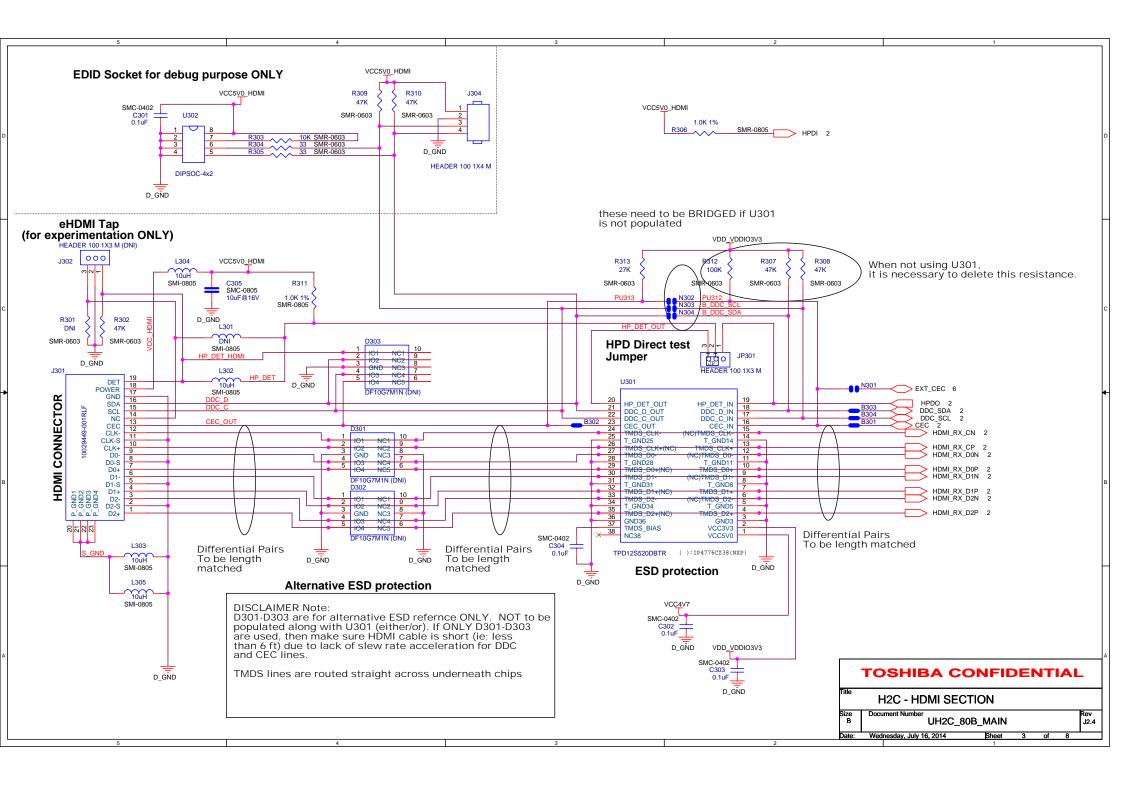
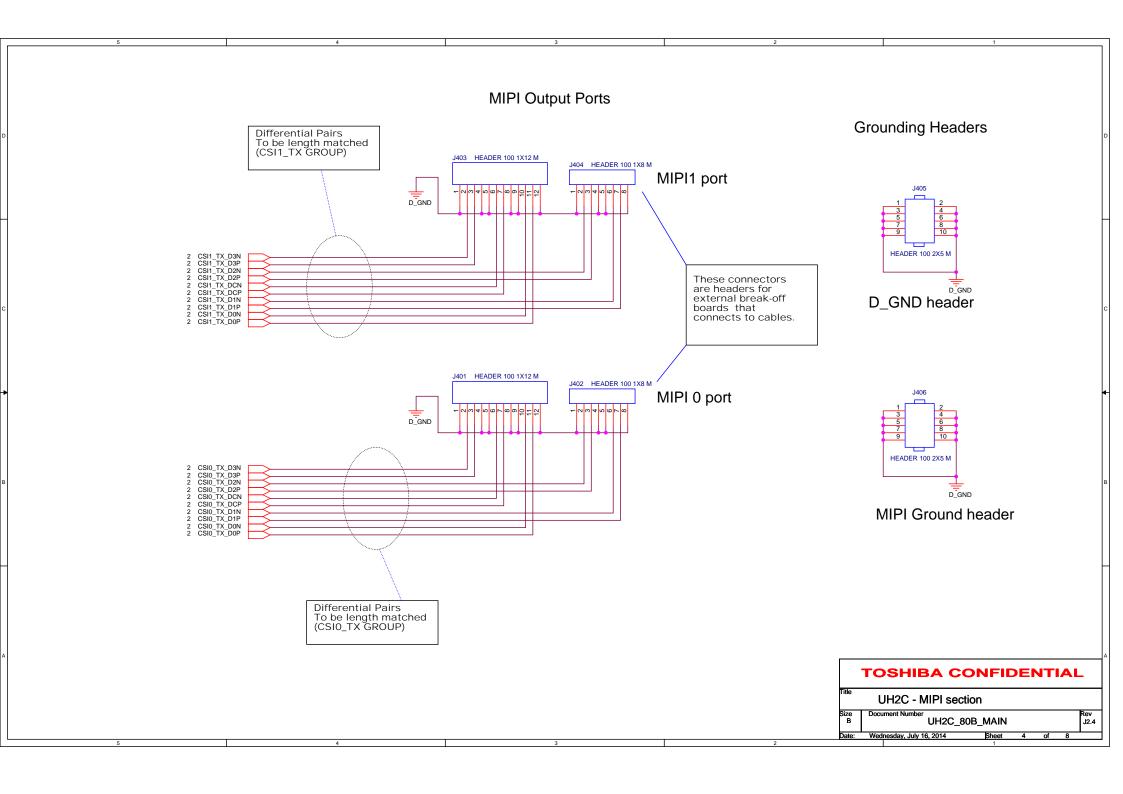
## **UH2C/D Main Evaluation Board - 80 Ball BGA**

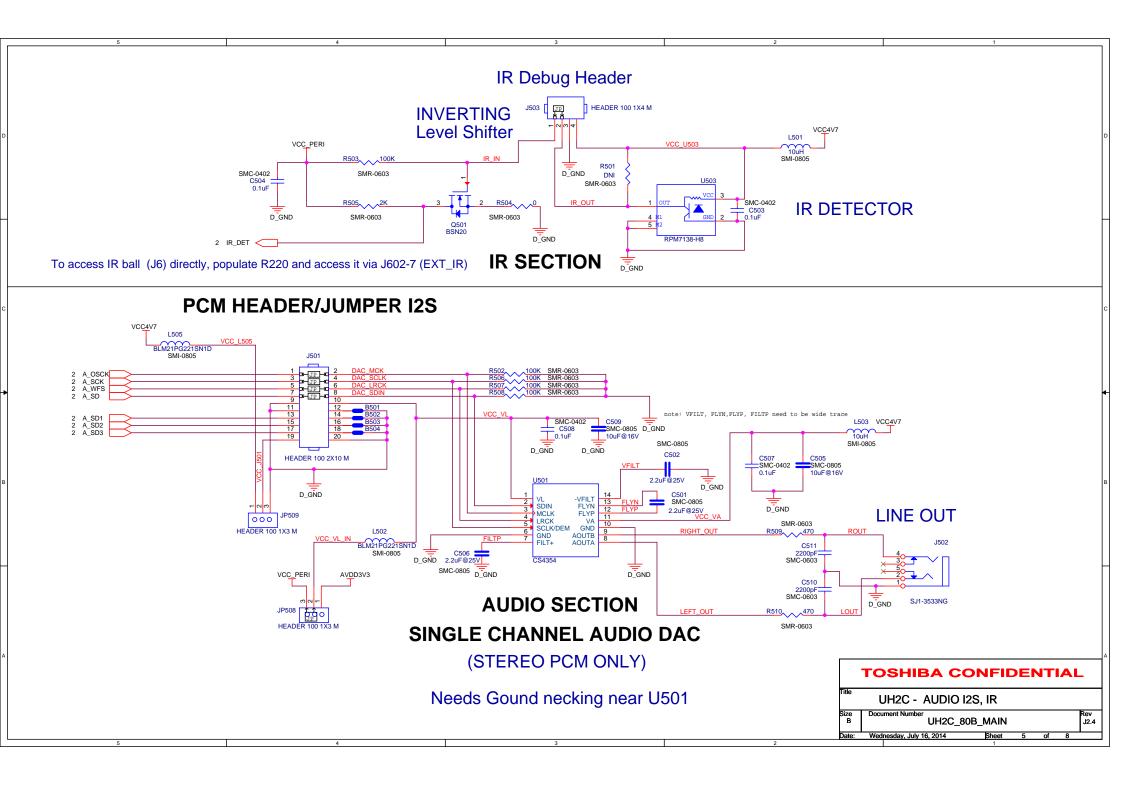
PAGE #	TITLE DESCRIPTION
1	COVER PAGE (THIS PAGE)
2	UH2C/D - MAIN
3	HDMI SECTION
4	MIPI SECTION
5	AUDIO I2S, IR
6	CONTROL (I2C/ CLOCK/ RESET/ TEST )
7	POWER SECTION
8	CHANGES/BLOCK DIAGRAM

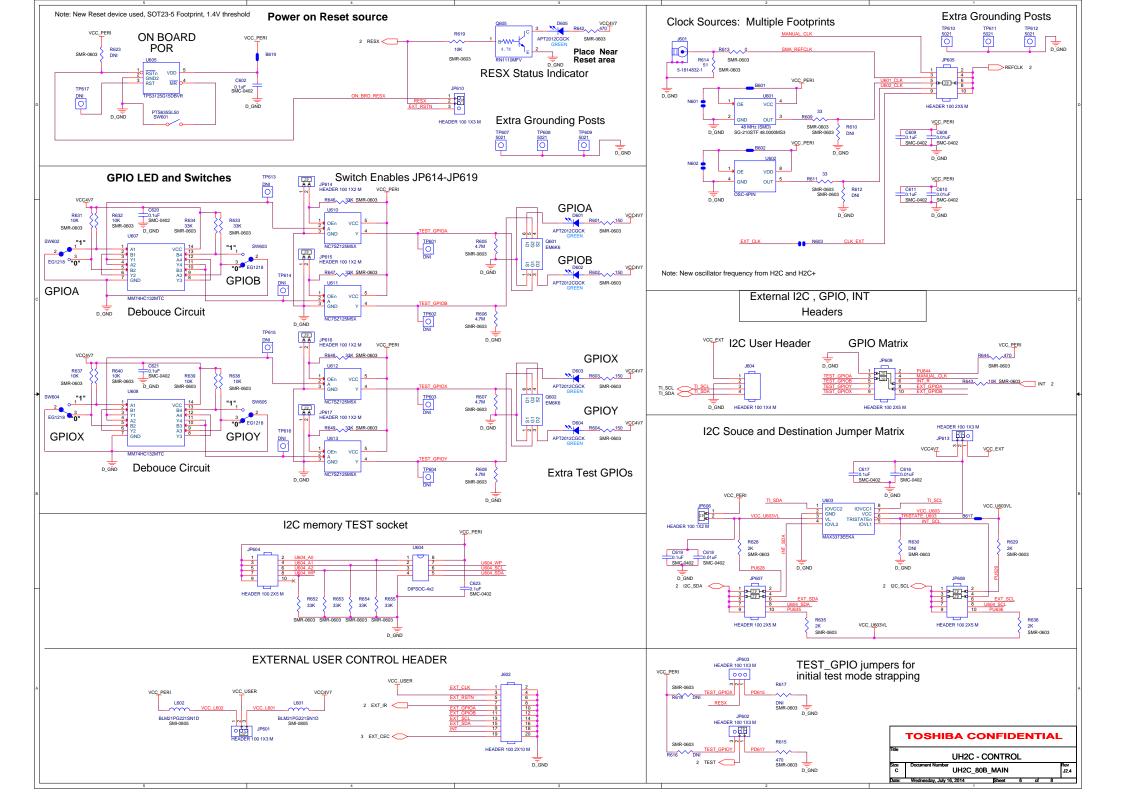
TOSHIBA CONFIDENTIAL							
Title	UH2C - COVER I	PAGE					
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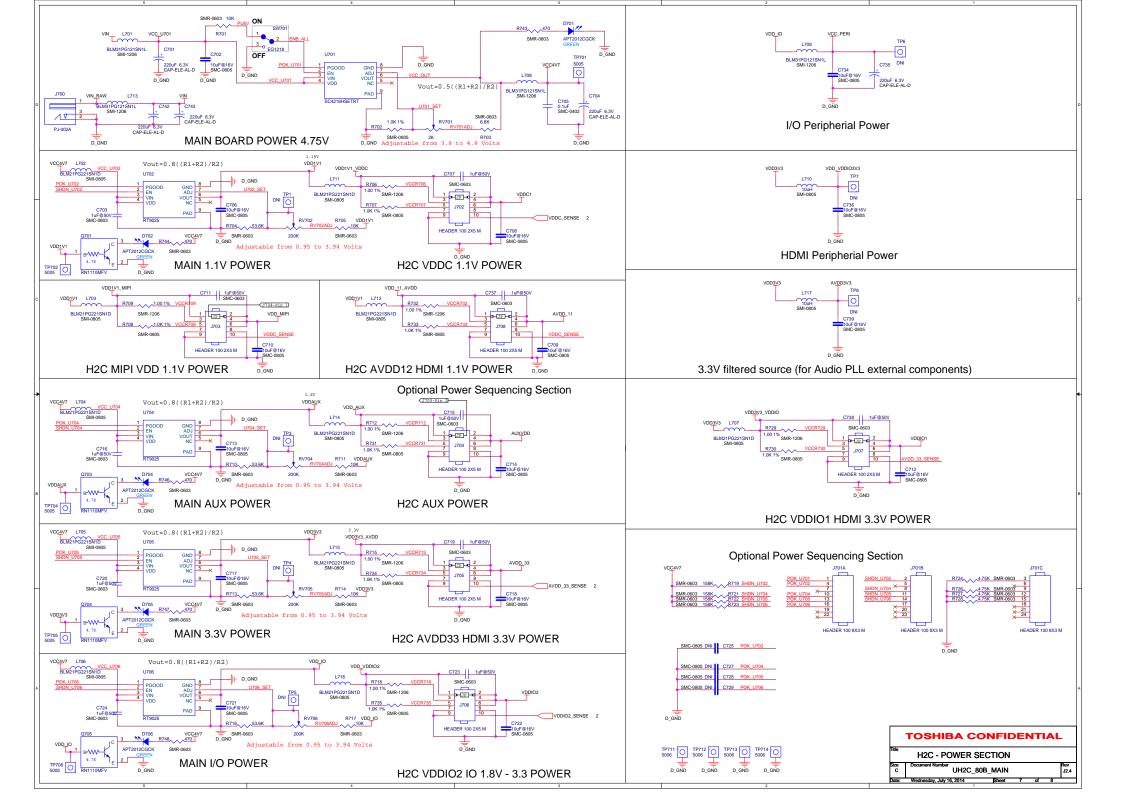




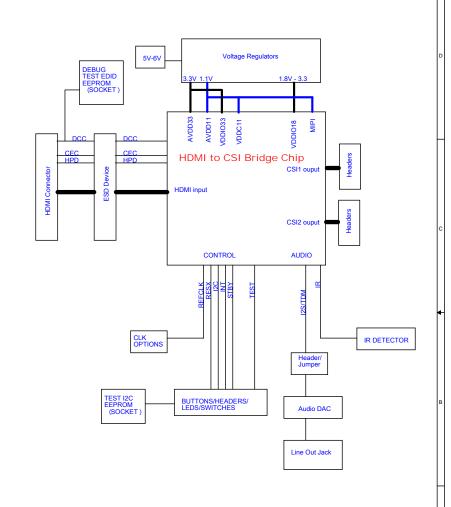








DATE Rev# 12/06/13 A1.0 Schematics from H2C+ Rev C. Changed BGA to new UH2C Ballout Removed STBY path, AVDD\_PLL, VDDC2, SPDIF Replace Reset chip U605 with TPS3125G15DBVR, 1.4V threshold, SOT23-5 footprint No more 2.5V, now 3.3. Added extra regulator for aux purpose Added extra ferrite bead for HDMI shield Added grounding headers for MIPI outputs Changed ALL regulators to SOIC-8EDP FootPrint Added page 8 for SCE break-out board. 5 New body parts 1/17/14 REMOVED PAGE8, now on seperate schematics 1/17/14 Modified J210 to 2x2 100 mil header 1/19/14 Removed unconnected nets MMC\*, N604 Swapped A\_SD\_R and A\_SCK\_R on J210 Changed UH2C to UH2C/D Corrected VDD1V2 to VDD1V1 2/19/14 A2.0 Corrected BOM for build 2 assembly 5/12/14 J2.0 Changed U301,R614 Changed C226, C227, C229, R225 6/19/14 J2.1 Contact mark addition P2(R218), P6(R605, R607, R646, R647, R648, R649), P7(U701, TP701), Comment change P3 7/01/14 J2.2 7/04/14 J2.3 Terminal name change of U201 (It is the same as the terminal name of technical data. ) 7/16/14 J2.4 Changed R643, The initial setting addition of the short circuits-JP and SW.



## **TOSHIBA CONFIDENTIAL**

UH2C - CHANGES / BLOCK DIAGRAM

Document Number
UH2C 80B MAIN

Duby

Dub

B UH2C\_80B\_MAIN

Date: Wednesday, July 16, 2014 Sheet 8

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