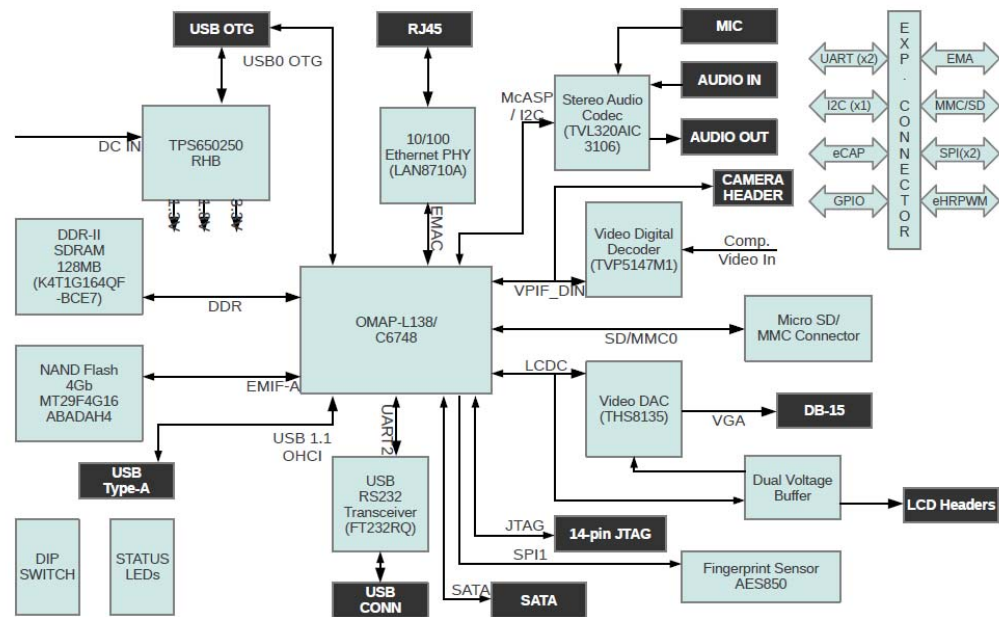
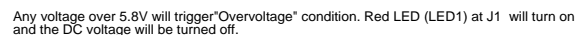


OMAP-L138/C6748 LC Dev Kit

VER/REV #	DESCRIPTION	PREPARED BY	RELEASE DATE	APPROVED BY
A	Initial Release	CCO	17-Oct-2011	TI
A1	BOOT PIN PULLUPS CHNAGED TO 5.6K. DNI PARTS UPDATED	CCO	15-NOV-2011	TI
A2	Issue with U27 resolved. Added D8 in place of R269. Added a 10K pullup to U2-3.	CCO	04-DEC-2011	TI
A3	JTAG circuit changed	CCO	14-DEC-2011	TI
A4	LAN8710A symbol corrected. Added pullups.	CCO	16-DEC-2011	TI
A5	Connect RVDDQ/I2 to VCC_1V3D instead of 1V2_LDO The capacitor C107 connected to VCC_3V3ADAC	CCO	22-FEB-2012	TI
A6	U26 is DNled	CCO	14-NOV-2012	TI
A6a	U8 part number corrected to MT29F4G16ABADAH4	CCO	06-MAR-2013	TI
A7E	J10 changed to CX35-1230-08, J14&J15 CHANGED TO 2254-501223G0ASUT , P1&P2 CHANGED TO 2127-431210G0CSUT	PTI	03-FEB-2015	TI

PAGE #	PAGE TITLE	PAGE DESCRIPTION
1	TITLE	TITLE OF THE SCHEMATICS
2	TABLE OF CONTENTS	TABLE OF CONTENTS
3	BLOCK DIAGRAM	TOP LEVEL BLOCK DIAGRAM OF THE SCHEMATICS
4	POWER & RESET	COMPLETE POWER SUPPLY CIRCUITRY ON BOARD AND REST CKT
5	DSP POWER AND RS232 IF	DSP POWER PART AND RS232 INTERFACE
6	DSP MEMORY IF & JTAG	DDR-2, FLASH INTERFACE TO THE DSP & JTAG CIRCUITARY
7	DSP PHERIPHERALS & VIDO DAC	DSP PHERIPHERALS & VIDO DAC CIRCUITARY
8	DDR-2 & FLASH	DDR-2 & FLASH DEVICES FOR DSP
9	VIDEO DIGITAL DECODER	VIDEO DIGITAL DECODER CIRCUITARY
10	AUDIO	AUDIO INTERFACE CIRCUITARY
11	ETHERNET	ETHERNET MII INTERFACE
12	EXPANSION CONNECTORS	EXPANSION CONNECTORS FOR PROVIDING EXTERNAL INTERFACE





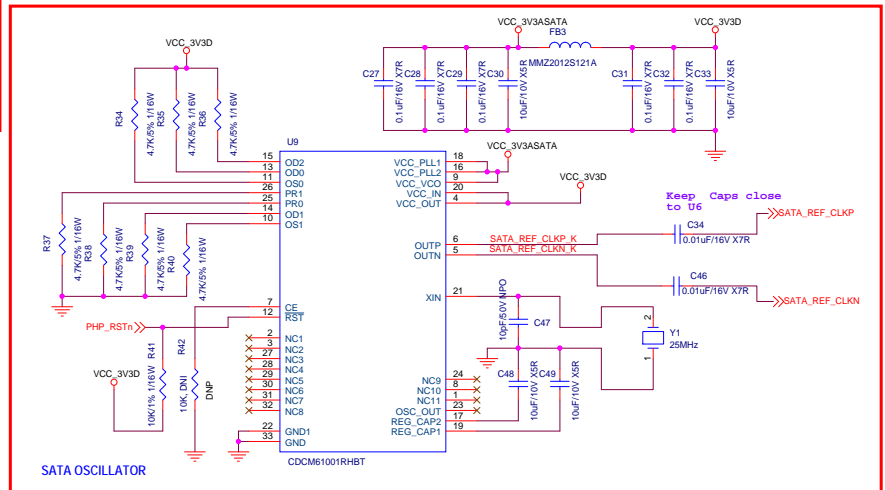
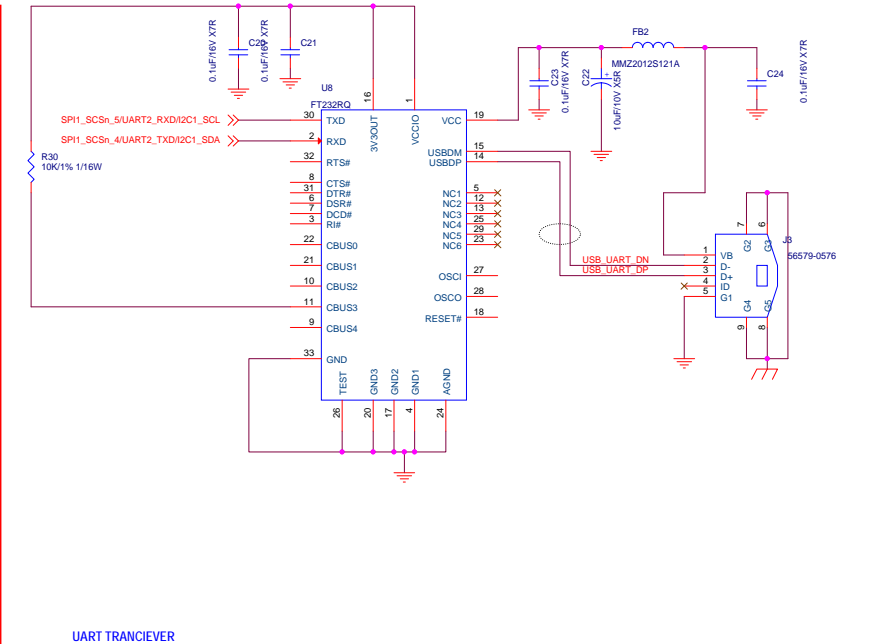
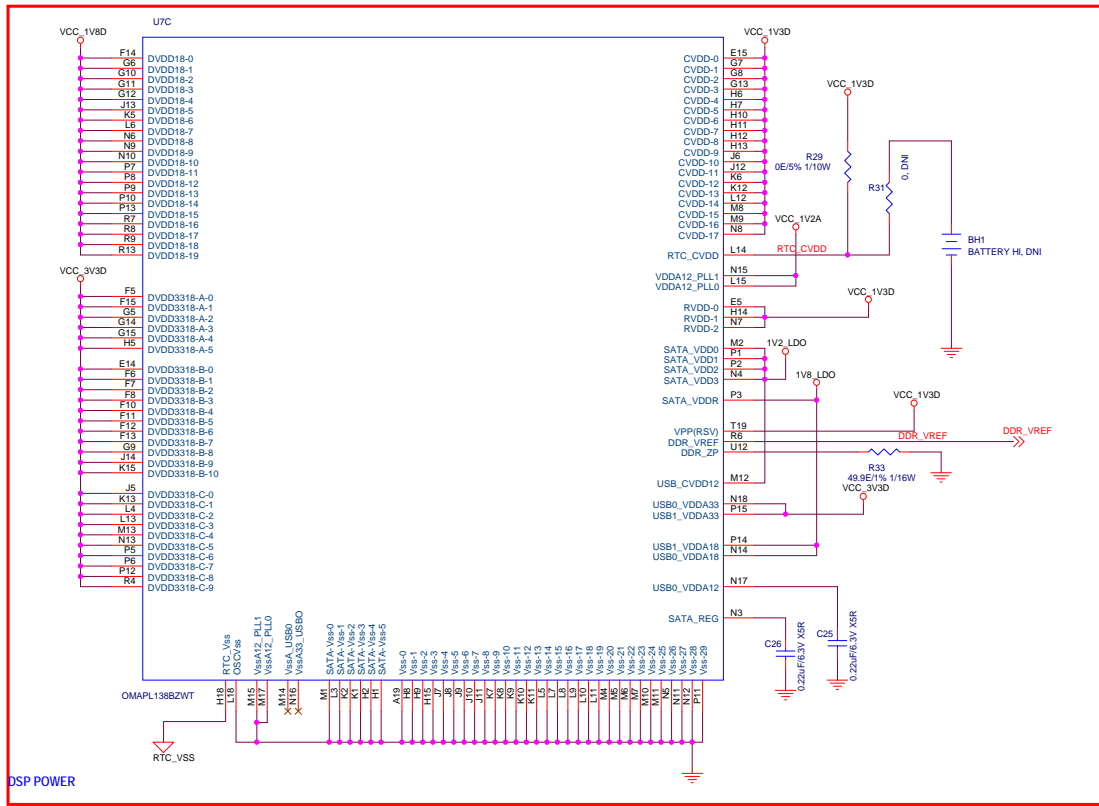
USB POWER MANAGER

POR GENERATION

TEST POINTS FOR SUPPLY RAILS

CONNECT THE VDCDCx SIGNALS
NEAR THE LOAD END

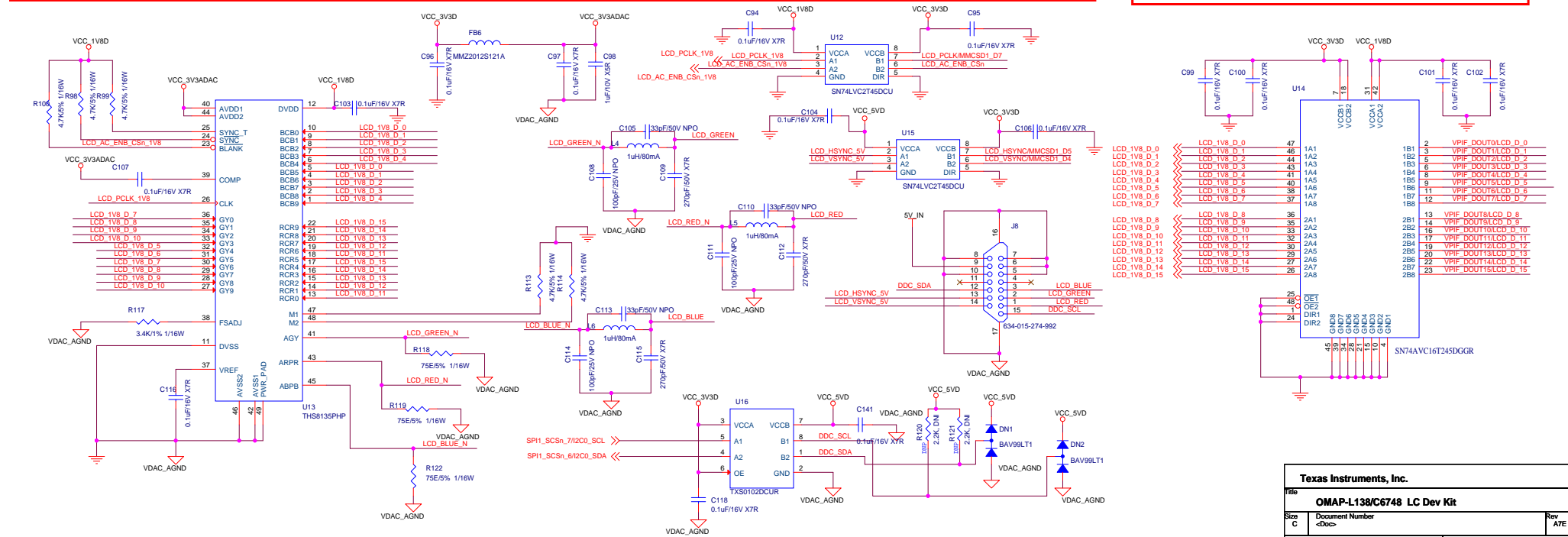
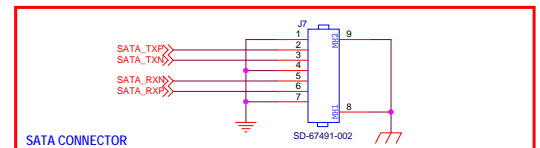
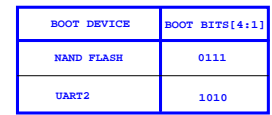
POWER SEQUENCEING GENERATION

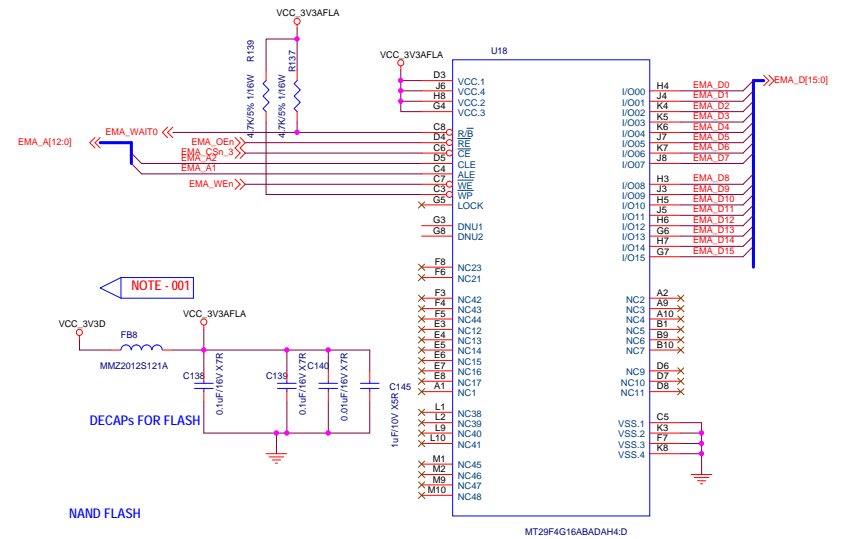
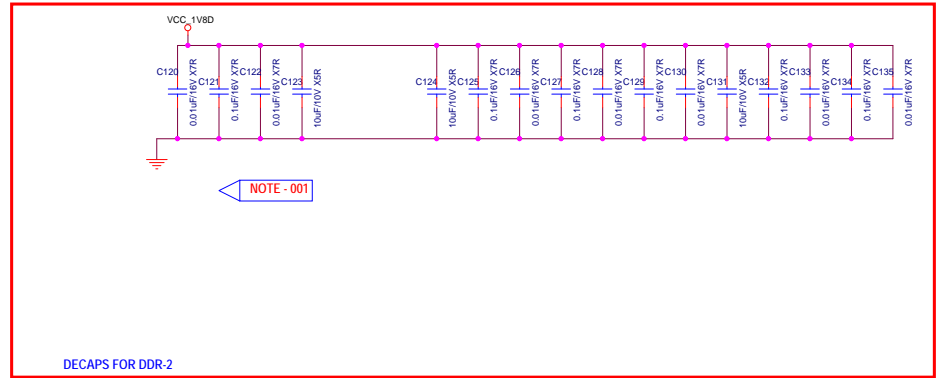
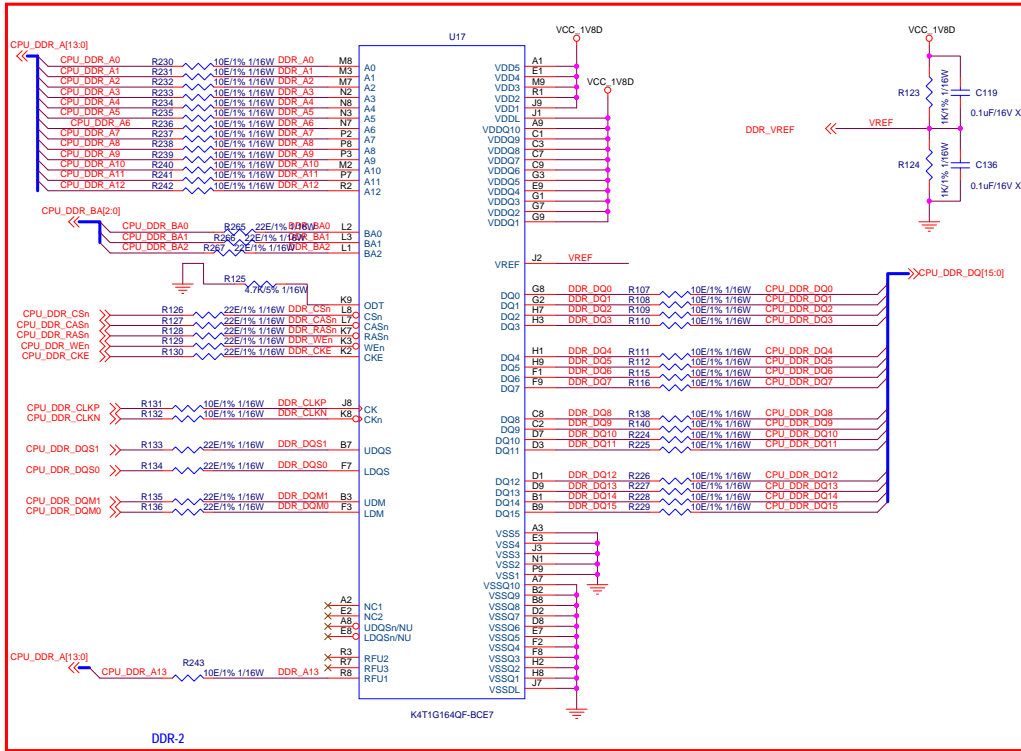


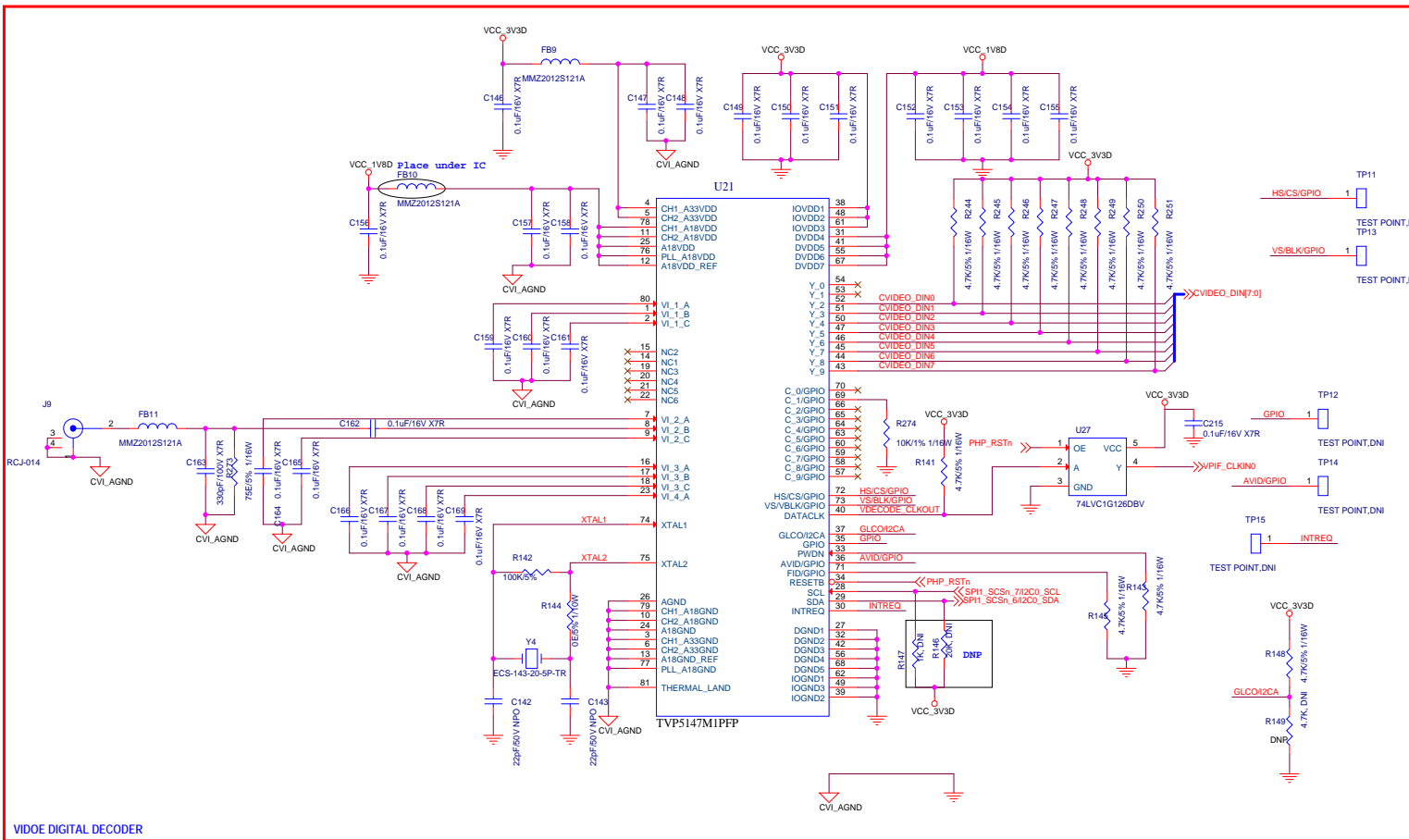
NOTE - 001

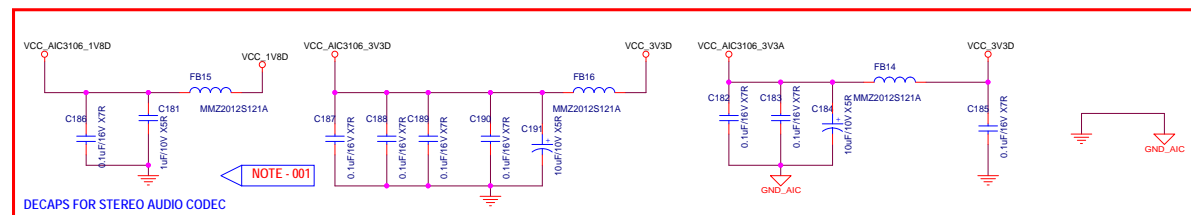
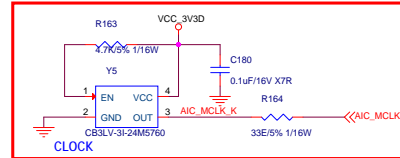
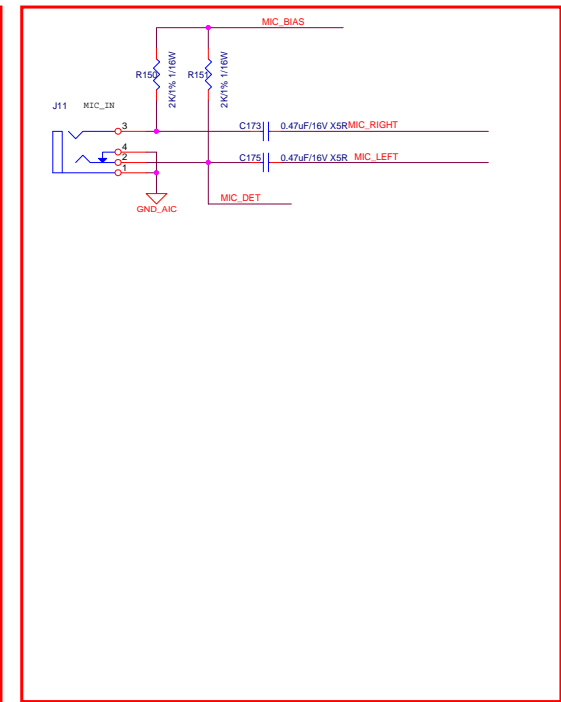
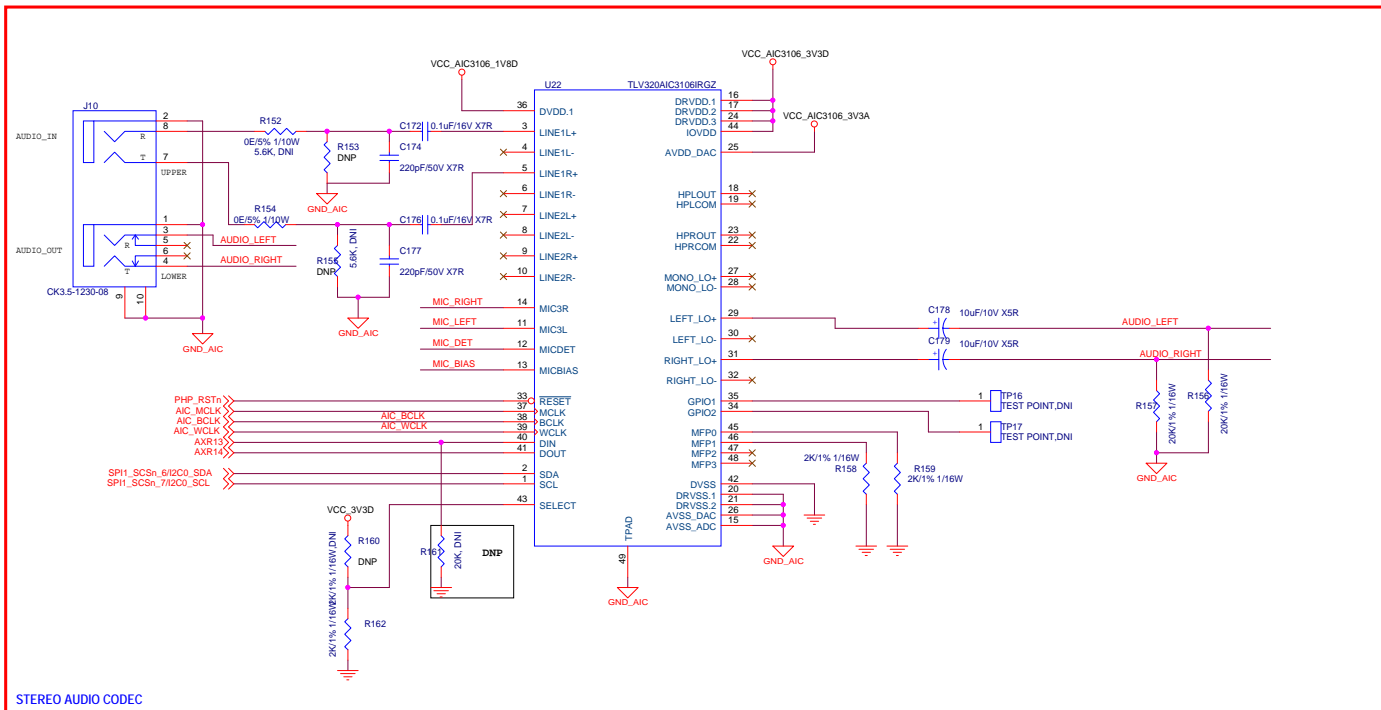
DSP DECOUPLING CAPACITORS
Keep closer to respective pins
of the processor

NOTE - 001 ALL DECAPS SHOULD BE PLACE WITHIN 1cm FROM EACH PIN









NOTE - 001 ALL DECAPS SHOULD BE PLACE WITHIN 1cm FROM EACH PIN

