

REVISION HISTORY

REV	Description	DATE
A	Baseline Version: OMAP35x_PROC_SCH, Rev-C 1) Updated Schematics with OMAP37xx symbol 2) Added C93 on CAP_VDD_BB_MPU_IVA signal ball 3) Test points added for VSENSE, IFORCE & ATESTV signal balls 4) S-Video/CVBS section updated	18-AUG-09
	1) R34 & R35 changed to 2.7K 2) C91 & C92 status change to DNI 3) SYS_XTALGND connected GND through 0-Ohm 4) Assembly changes table updated	27-AUG-09
	1) SYS_XTALGND directly connected GND 2) Socket symbol added	10-SEP-09
B	1) Optional resistor added to drive the DSS lines through alternate balls 2) The values of capacitor on the nets VDD1_CORE, VDD2_CORE are changed. and added some capacitors on net VIO_1v8	12-NOV-2009
C	1) Pullup Resistor added on Ethernet Reset Signal. This is required for AM37x Processor boards with DSS configured to run up to 75MHz.	30-MAR-2010

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05	OMAP EVM Main board Connectors

Assembly Changes: OMAP35xx vs AM37xx

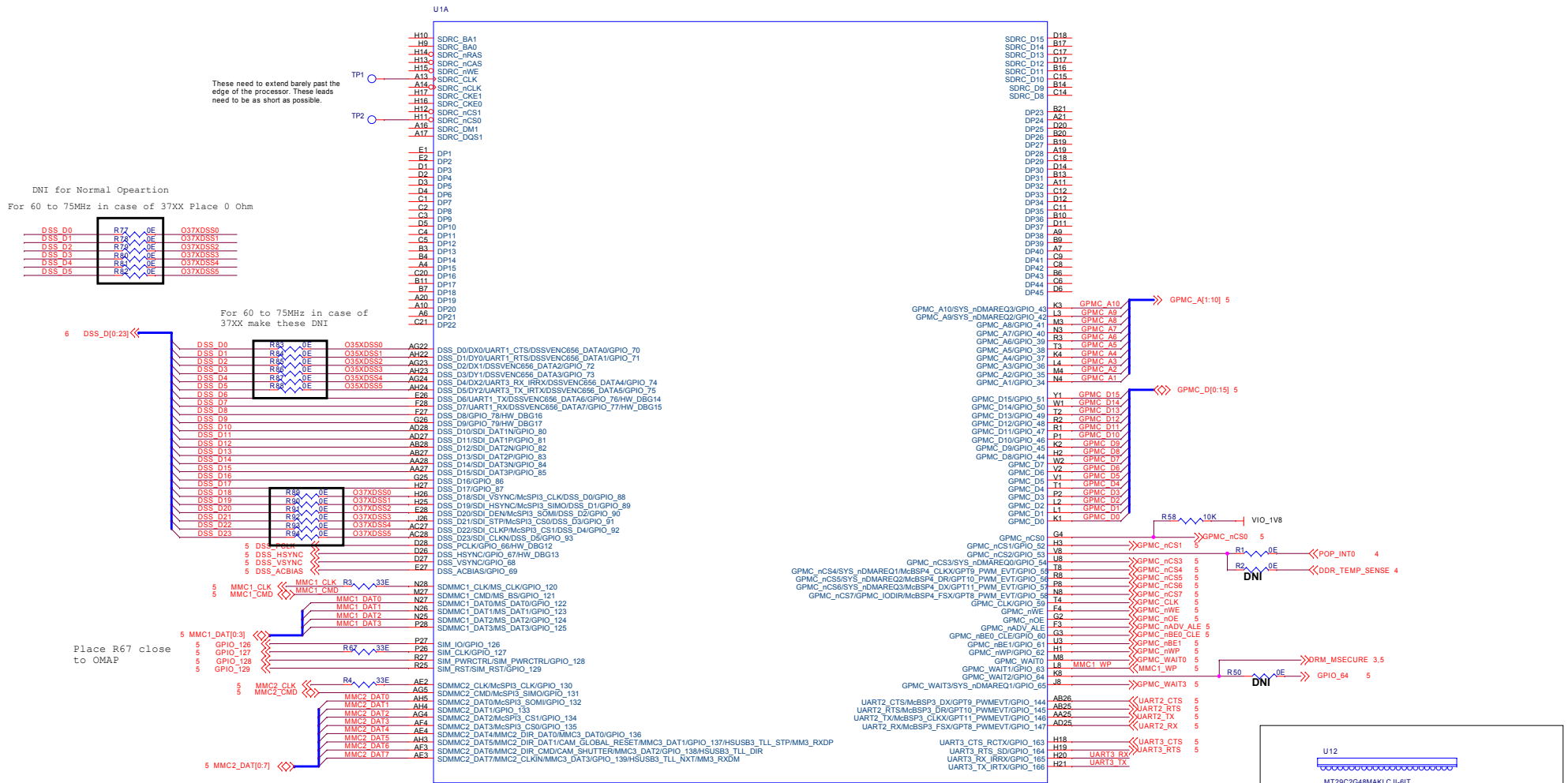
SIGNAL (OMAP3530 / AM37xx)	OMAP35XX	AM37xx
MMC1_DAT5 / SIM_CLK	R67 = 0 Ohm	R67 = 33 Ohm
BG_TESTOUT / CAP_VDD_BB_MPU_IVA	DNI C93	MOUNT 1uF on C93
TV_VREF / CVIDEO1_RSET	MOUNT 0.1uF CAPACITOR on R70 Pads	MOUNT 4.7K-Ohm on R70
S-Video/CVBS section discretes	MOUNT C91 & C92 R34 & R35 = 1.65K	DNI C91 & C92 R34 & R35 = 2.7K
DSS frequency selection resistors	Mount Resistors from R83 through R94 DNI Resistors from R71 through R82	Mount Resistors from R71 through R82 DNI Resistors from R83 through R94



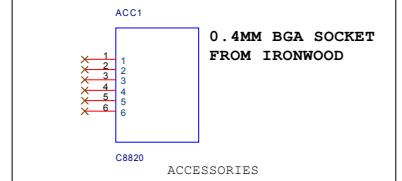
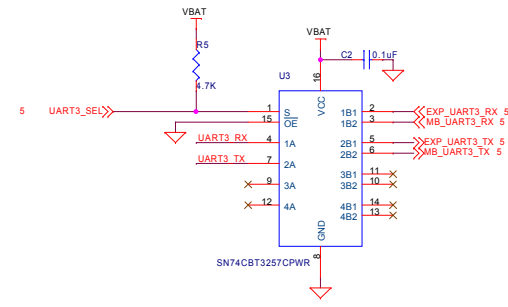
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Revision History			
Power Distribution			
Size	Document Number	Modified by:	Rev
B	OMAP3530_AM37x_PROC_SCH	Mistral	C
Date:	Thursday, May 27, 2010	Sheet	1 of 5



UART 3 MUX - MAIN BOARD/EXPANSION CONNECTOR



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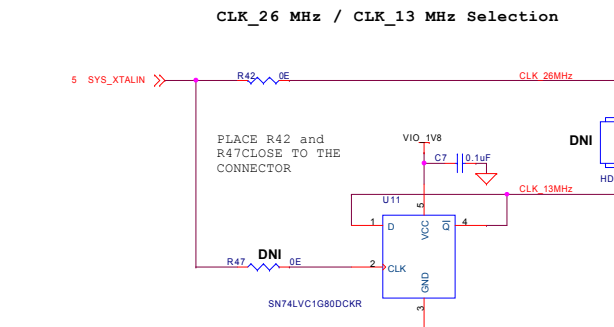
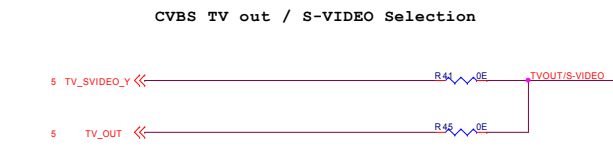
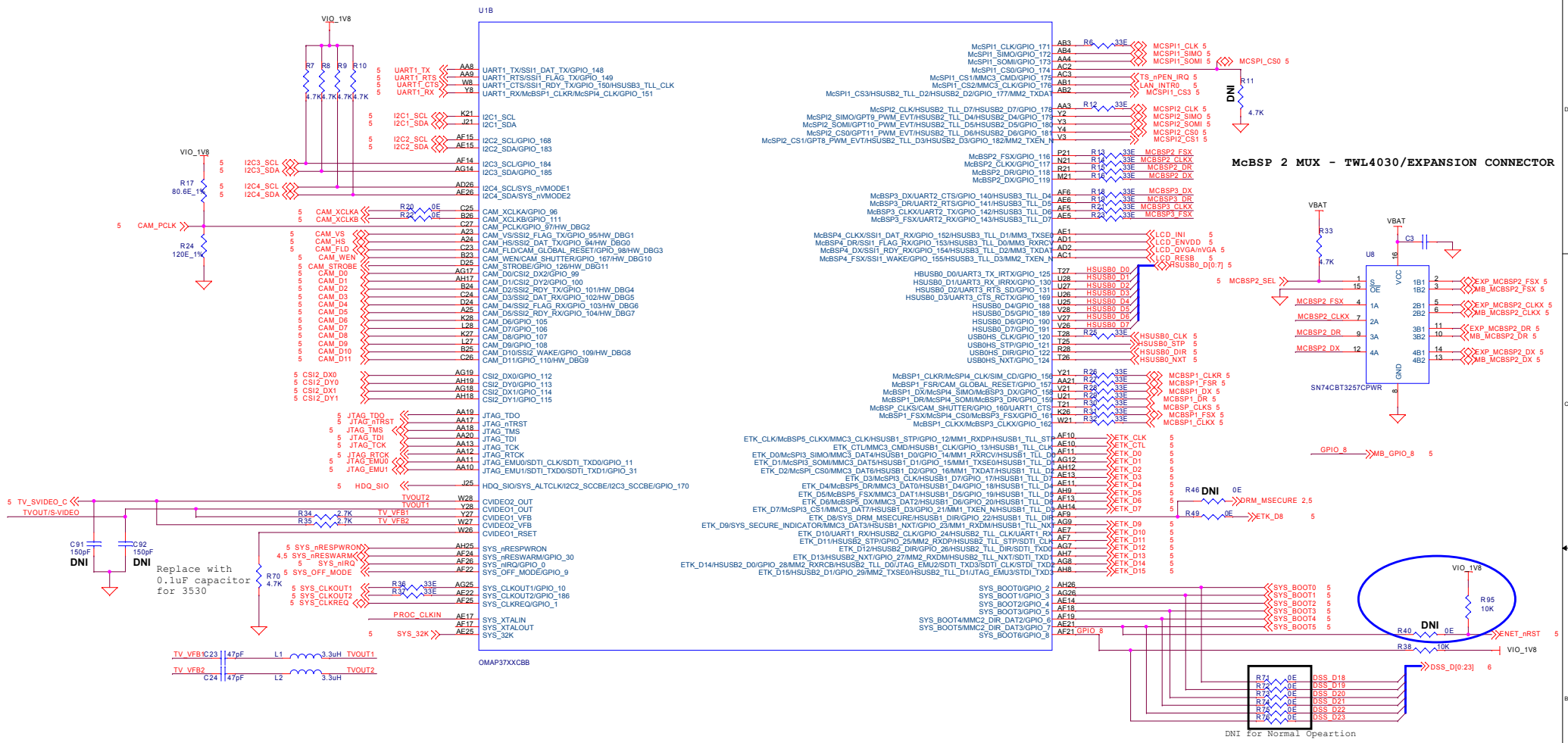
OMAP3530_AM37x PROC_A
Power Distribution

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C	OMAP3530_AM37x_PROC_SCH	Mistral	C

Date: Wednesday, May 05, 2010 Sheet 2 of 5

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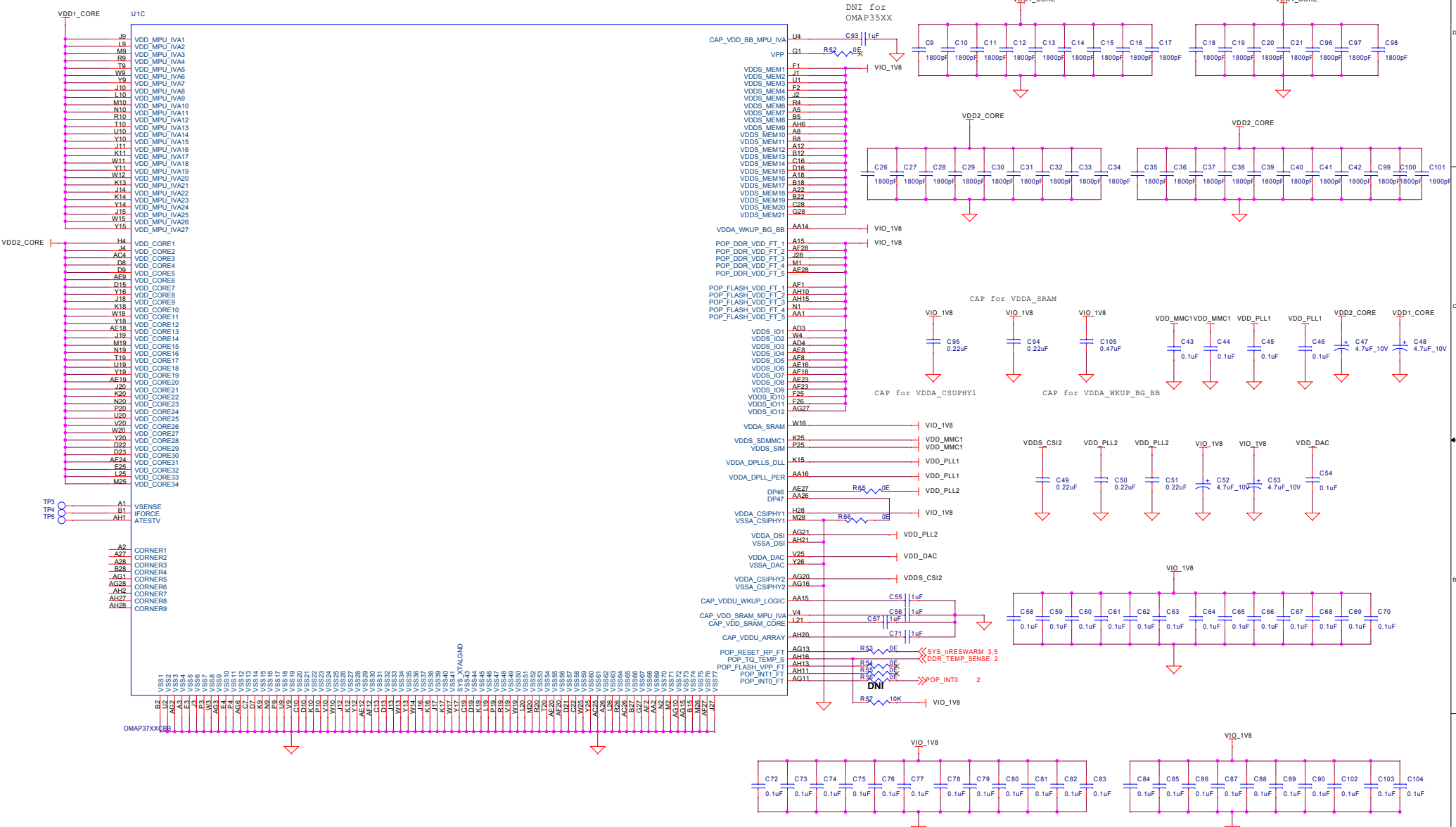
OMAP3530_AM37x PROC_B
 Power Distribution

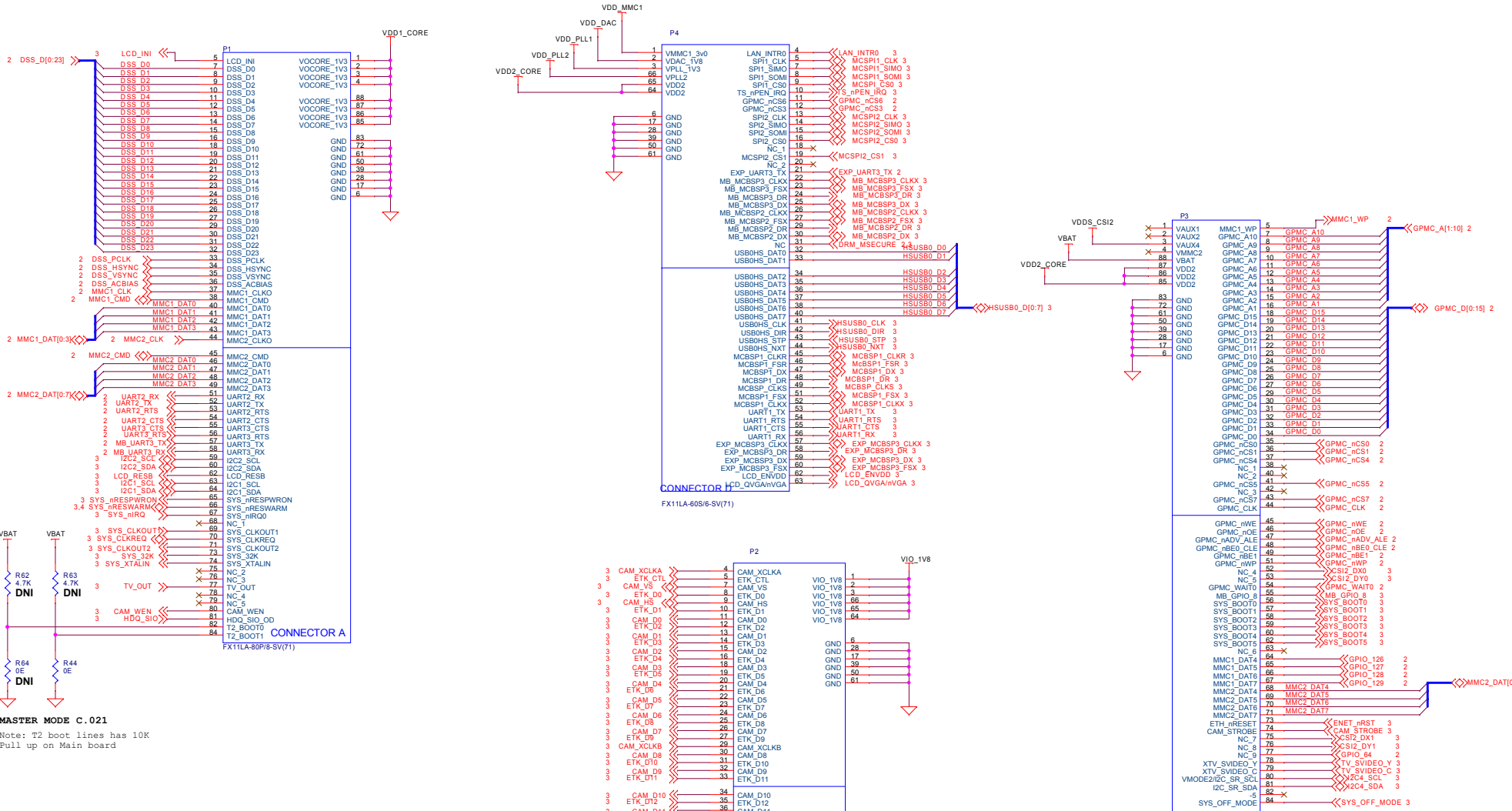
Size	Document Number	Modified by:	Rev
C	OMAP3530_AM37x_PROC_SCH	Mistral	C

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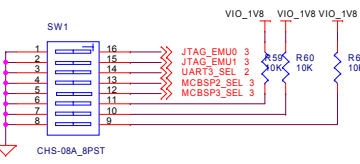
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MASTER MODE C.021
 Note: T2 boot lines has 10K Pull up on Main board



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OMAP EVM Main Board Connectors
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