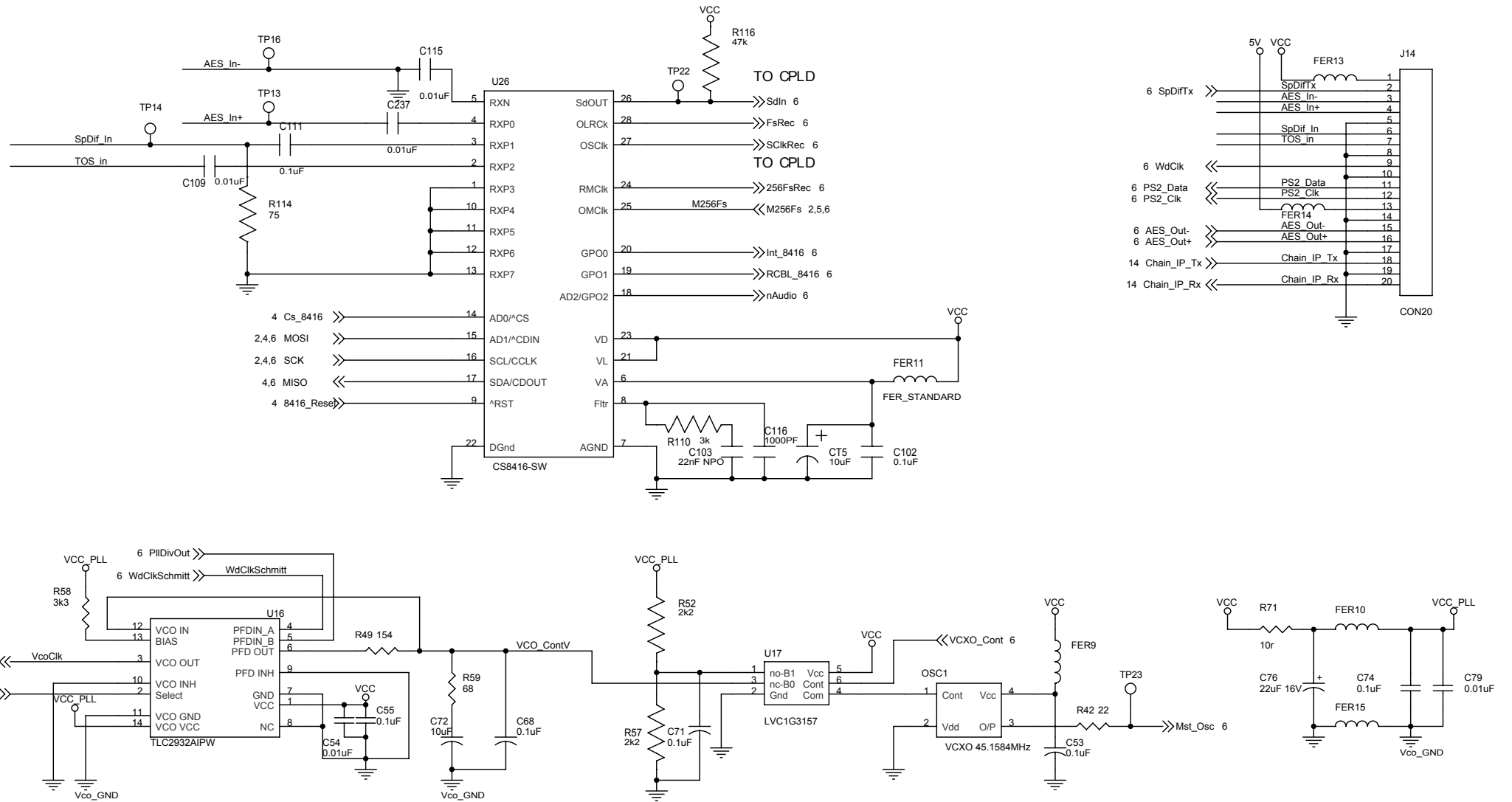
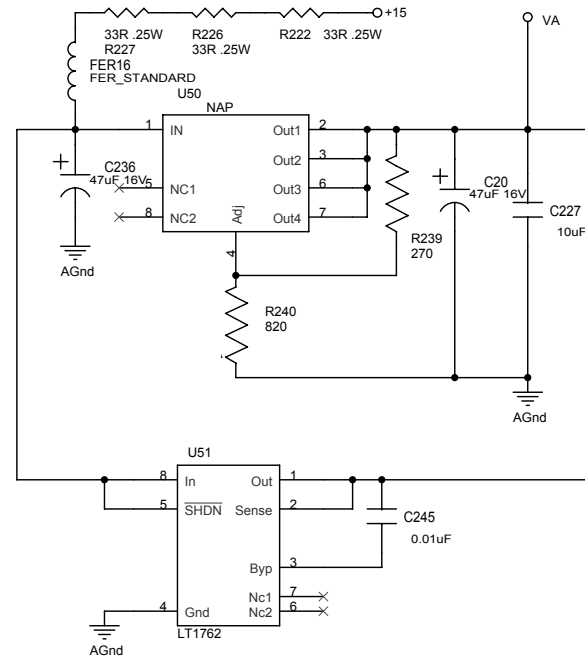
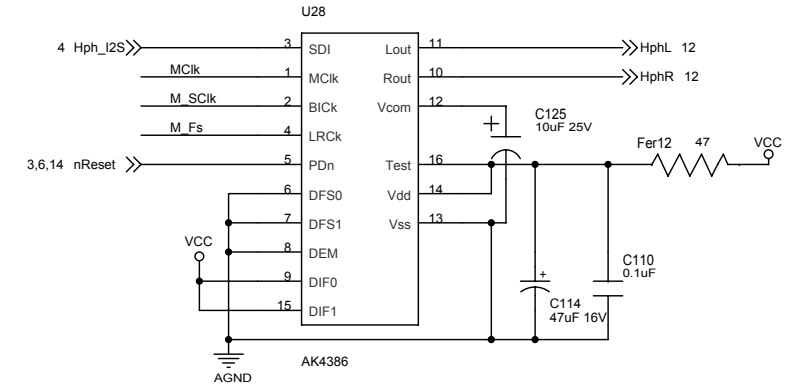
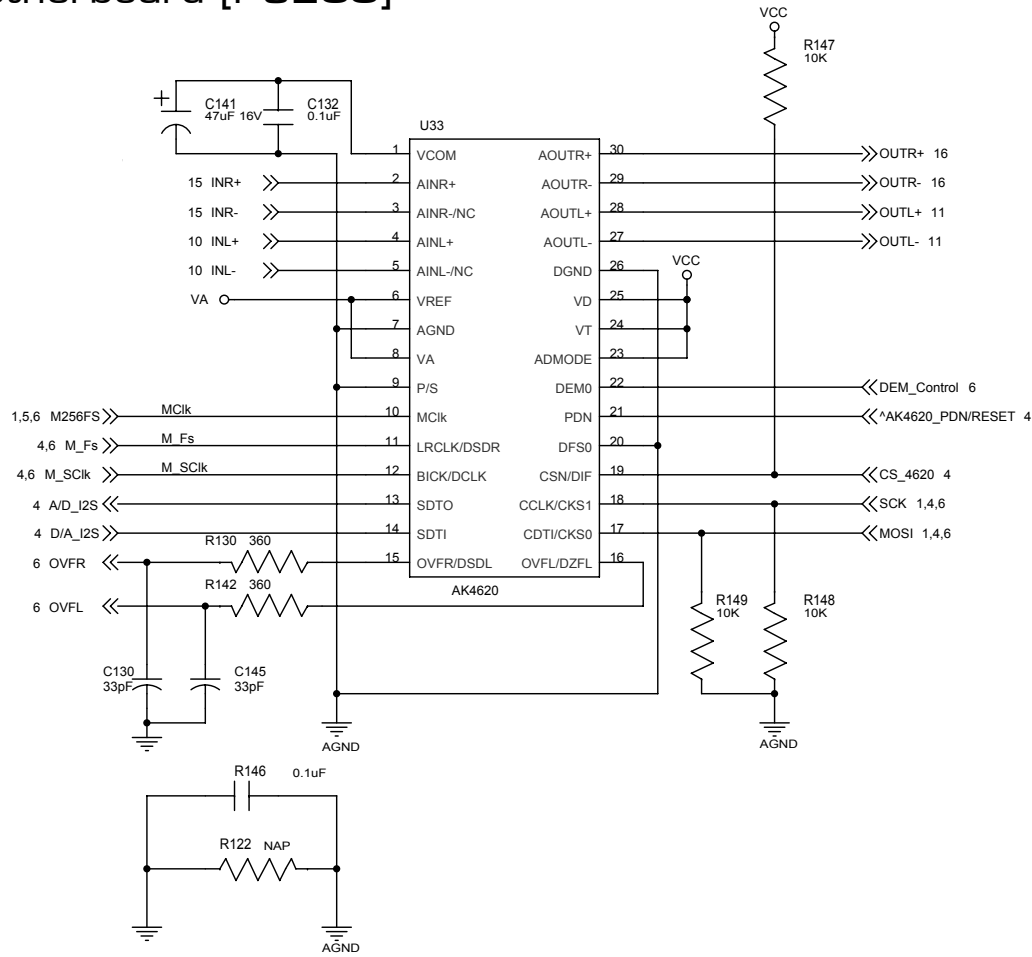


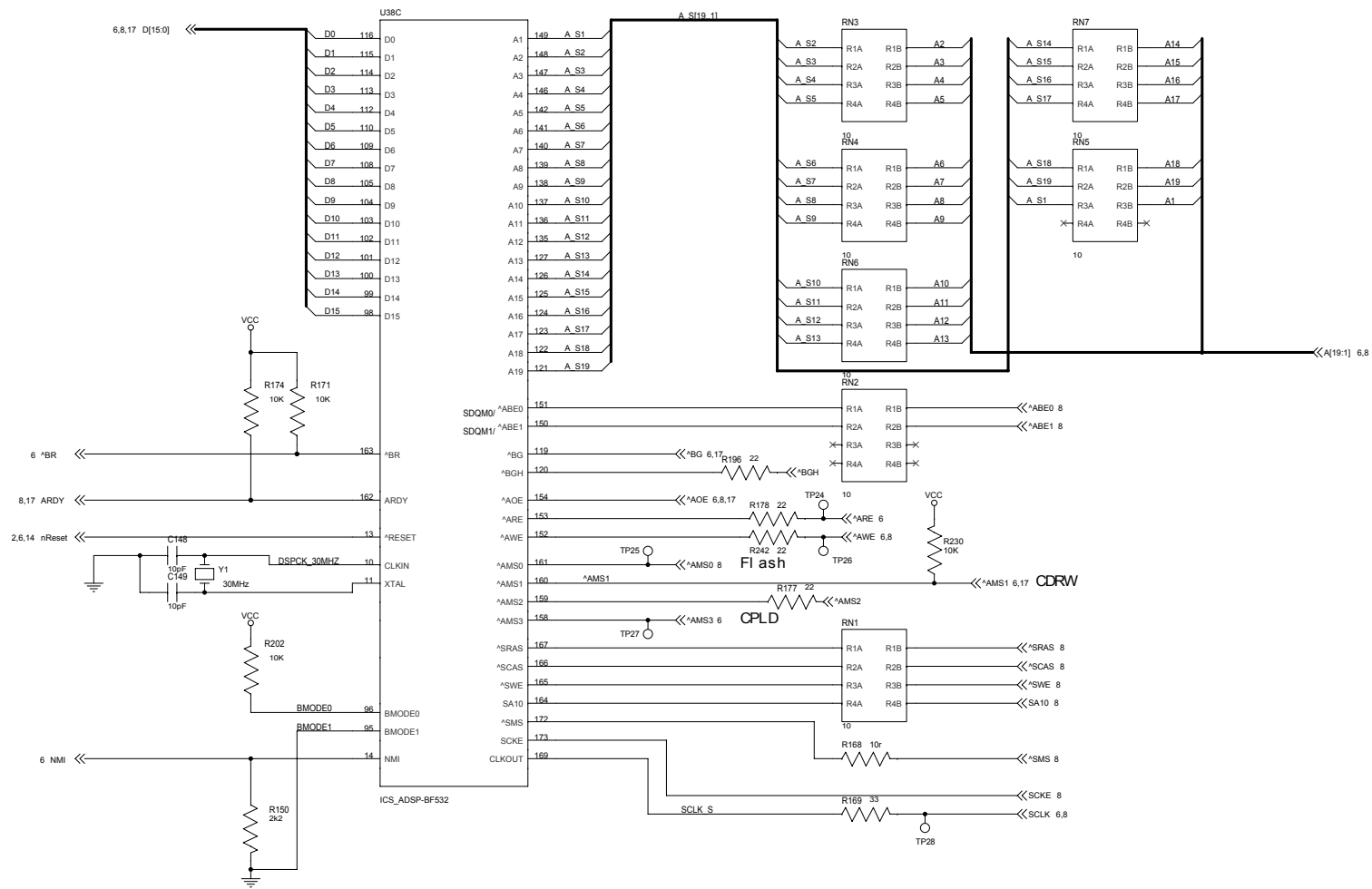
Digital input, WordClock and clock control Motherboard [P8200]



Audio codecs Motherboard [P8200]



Main processor address and data Motherboard [P8200]

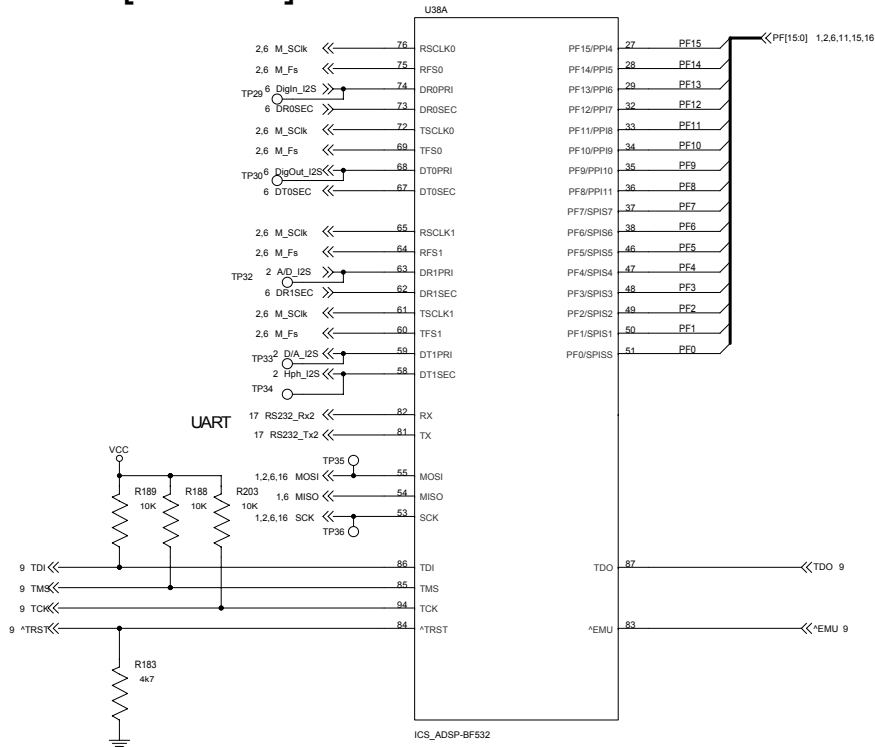


BOOT MODE/BYPASS Select

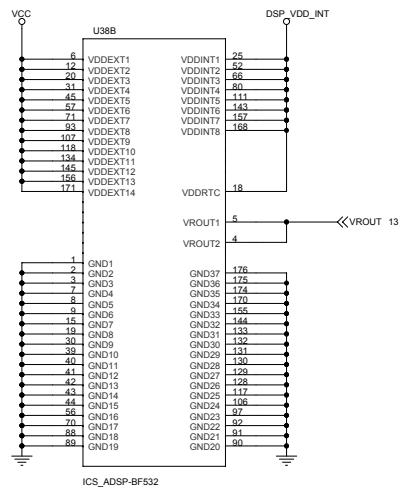
1 BMODE0	2 BMODE1	BOOT MODE
ON	ON	RESERVED
OFF	ON	8-BIT FLASH
ON	OFF	SPI SROM 8-BIT
OFF	OFF	SPI SROM 16-BIT

DEFAULT

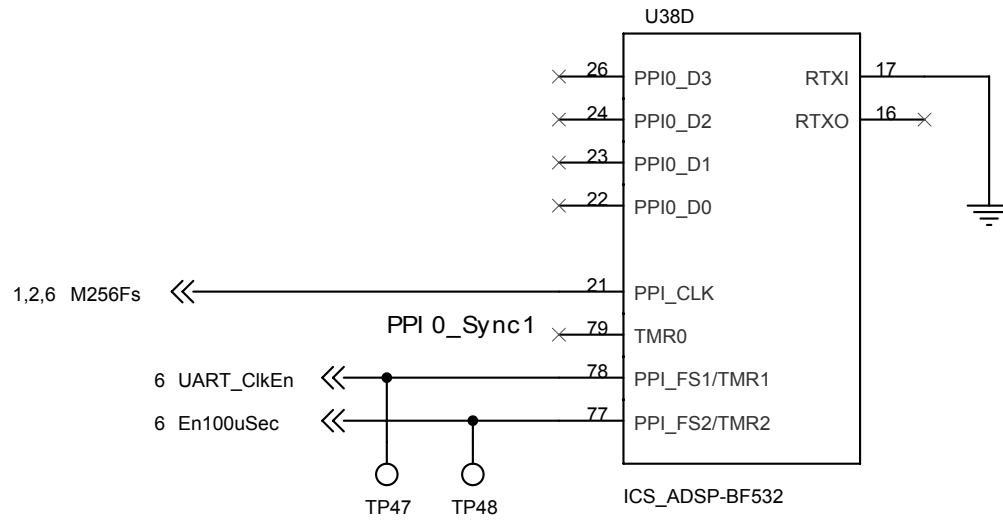
Main processor PFs, Power and SPI/LCD Motherboard [P8200]



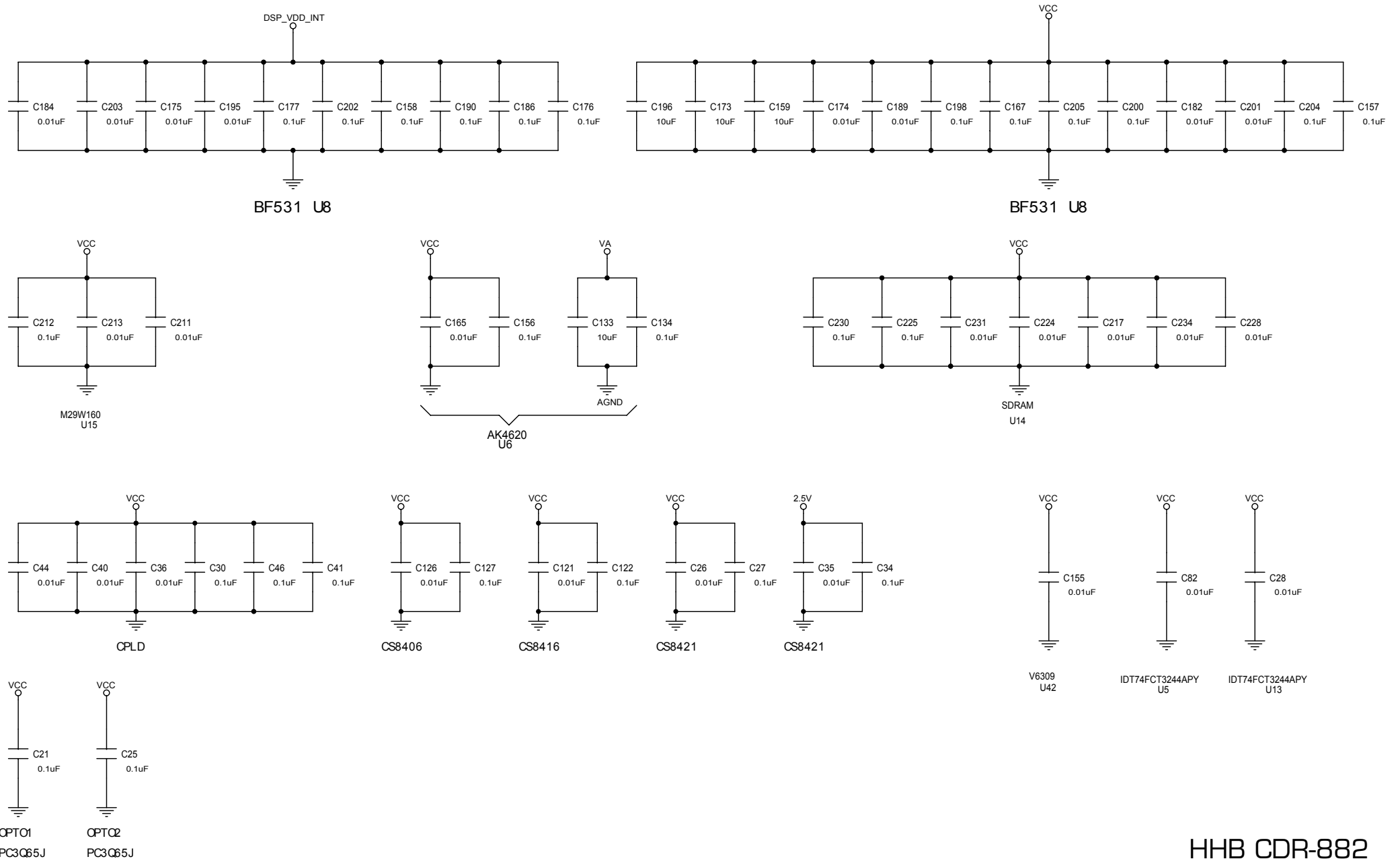
PROGR. FLAG	FUNCTION
PF15	CPLD TCK
PF14	CPLD TMS
PF13	CPLD TDI
PF12	CPLD TDO
PF11	
PF10	CDRW PDIAG
PF9	CDRW_nReset
PF8	CDRW DaSp
PF7	AK4620 CODEC RESET/PDN
PF6	CS8416 RESET
PF5	CS8406 RESET
PF4	LCD A0
PF3	LCD LATCH SIGNAL
PF2	AK4620 LATCH SIGNAL
PF1	CS8416 LATCH SIGNAL
PF0	CS8406 LATCH SIGNAL



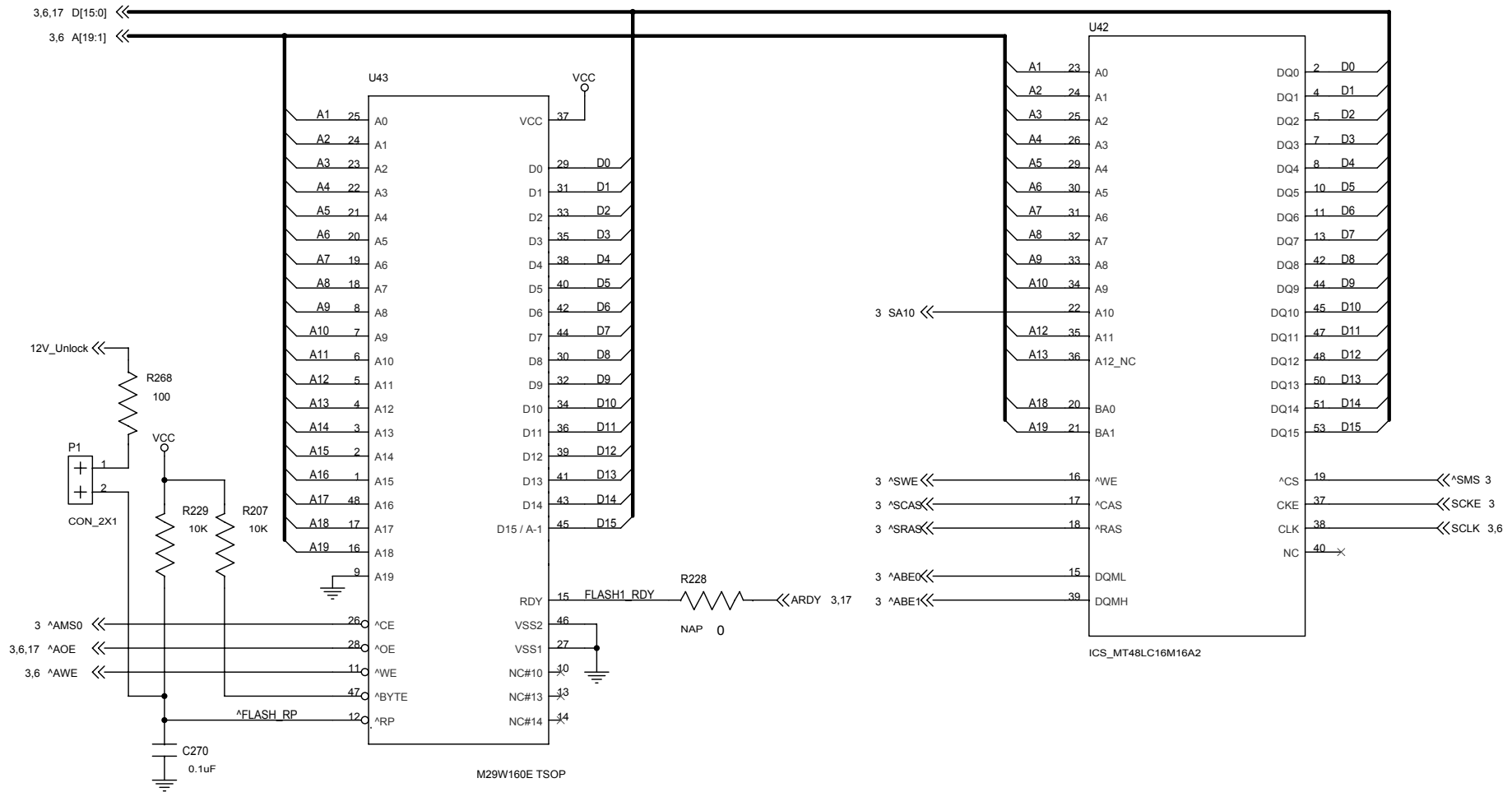
Main processor PPI Motherboard [P8200]



Decouplers Motherboard [P8200]



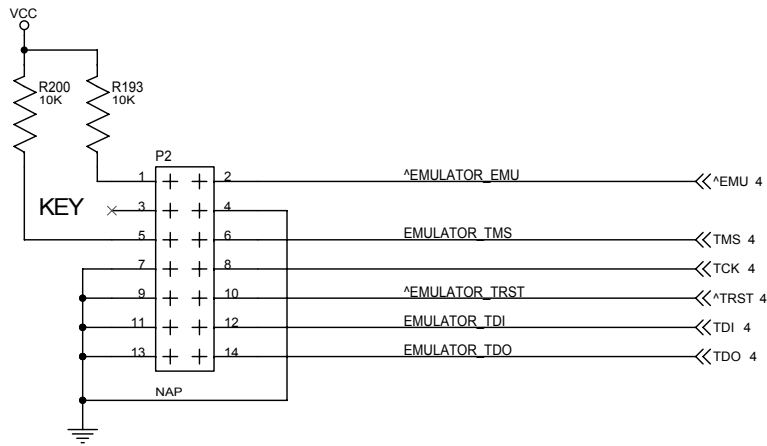
Flash and SDRAM memories Motherboard [P8200]



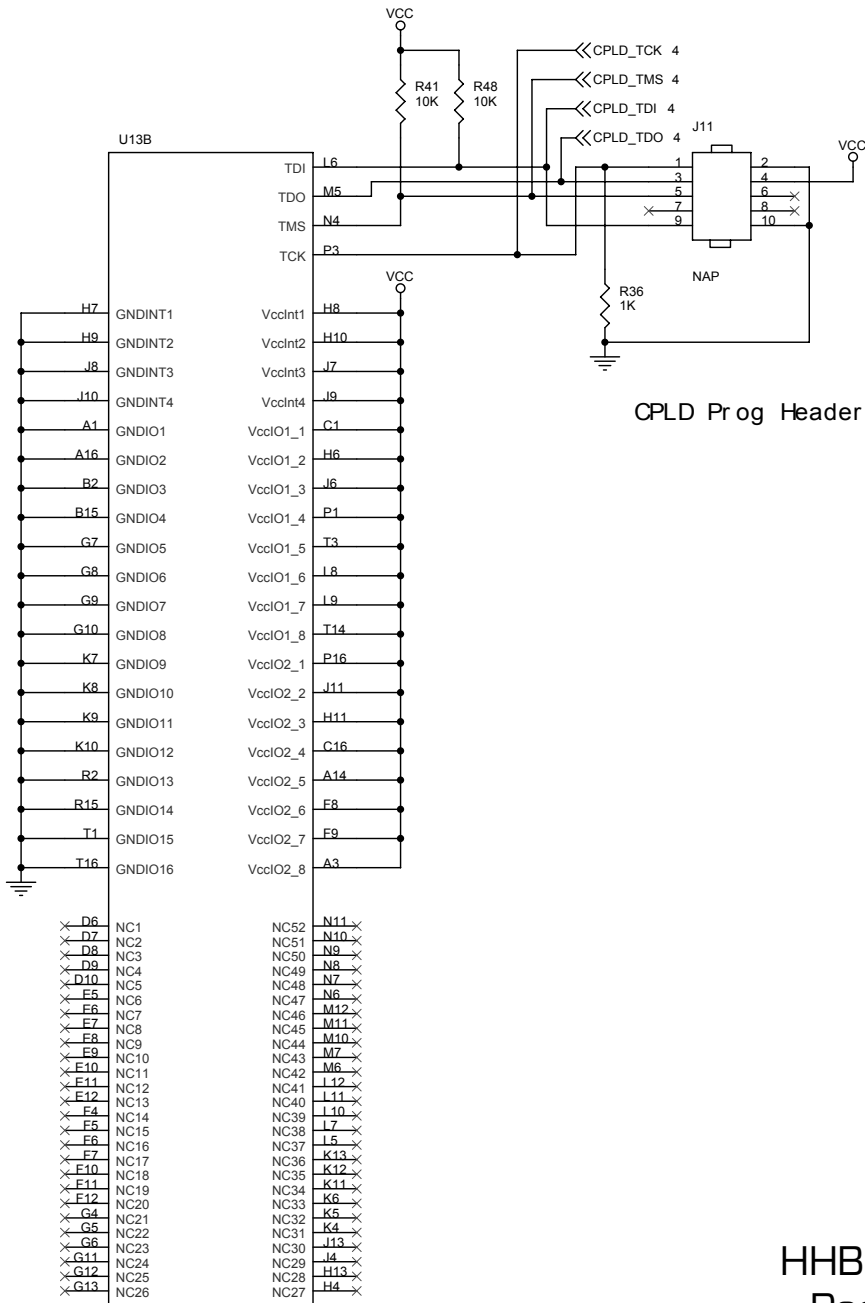
Memory Map

START	END	BANK	DEVICE
0x0000 0000	0x01FF FFFF	SDRAM Bank 0	32MB SDRAM
0x2000 0000	0x000F FFFF	ASYNC Memory Bank	02MB FLASH - using half

JTAG and CPLD interfaces Motherboard [P8200]



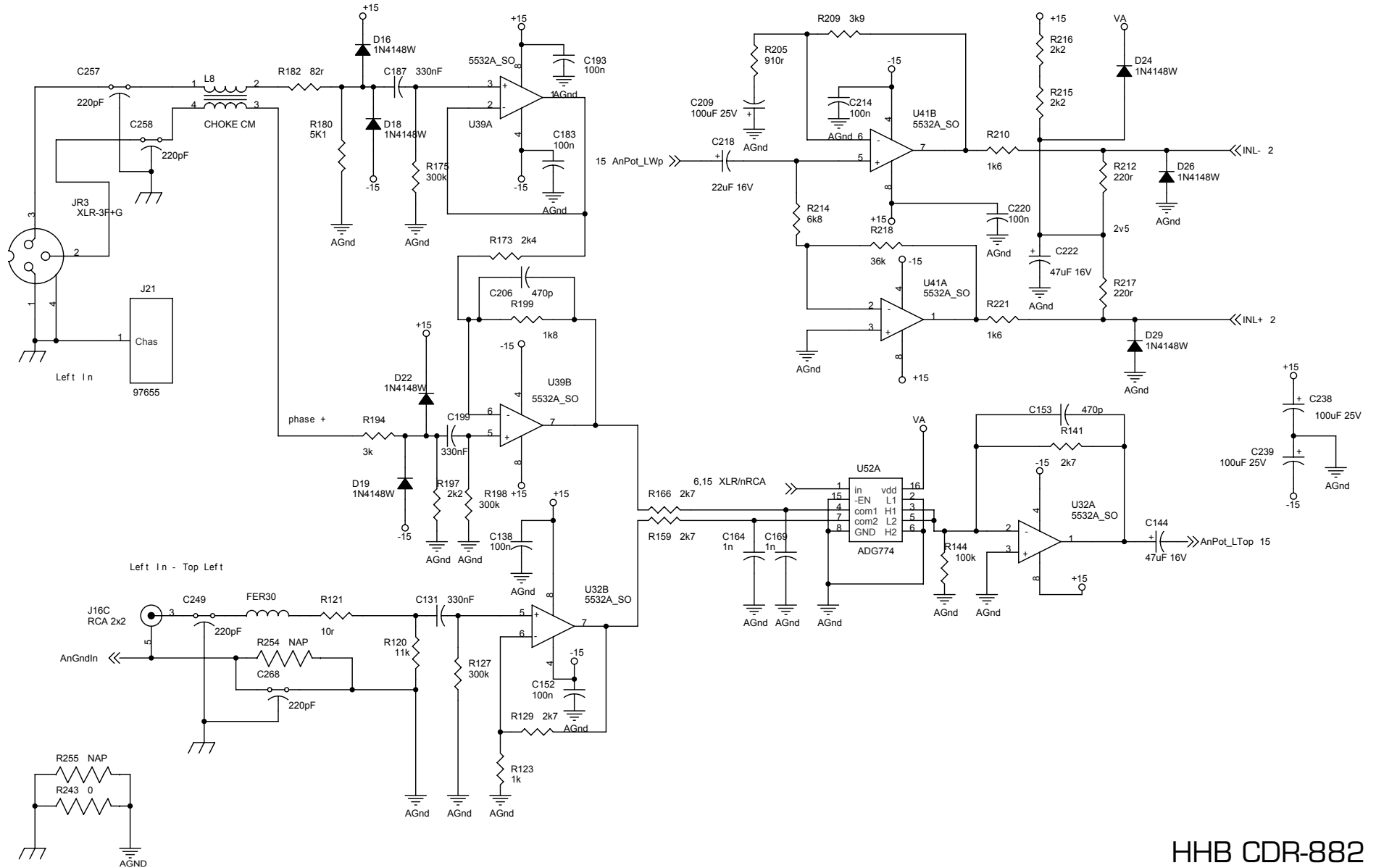
DSP JTAG HEADER



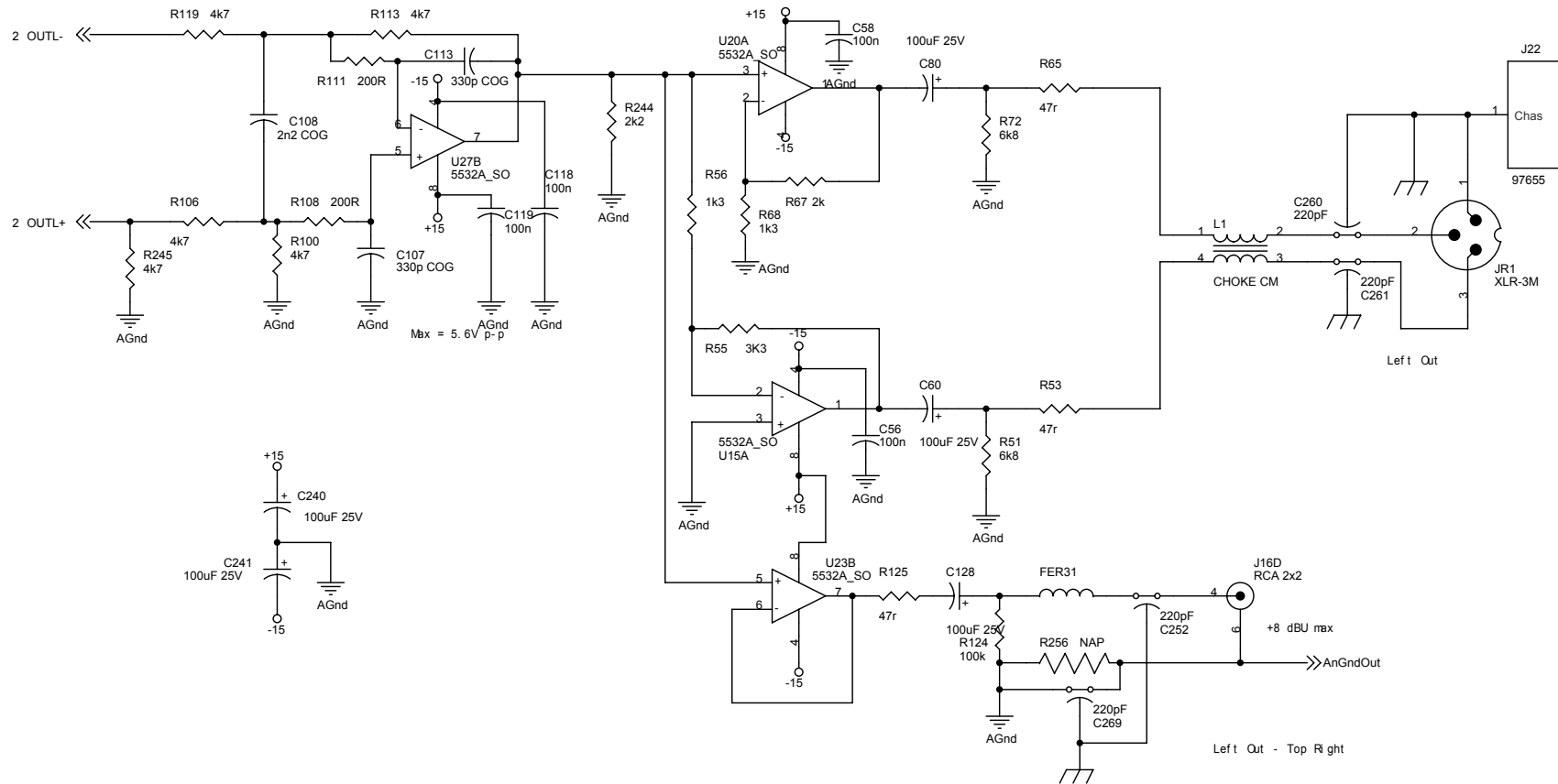
CPLD Prog Header

HHB_Recorder_CPLD

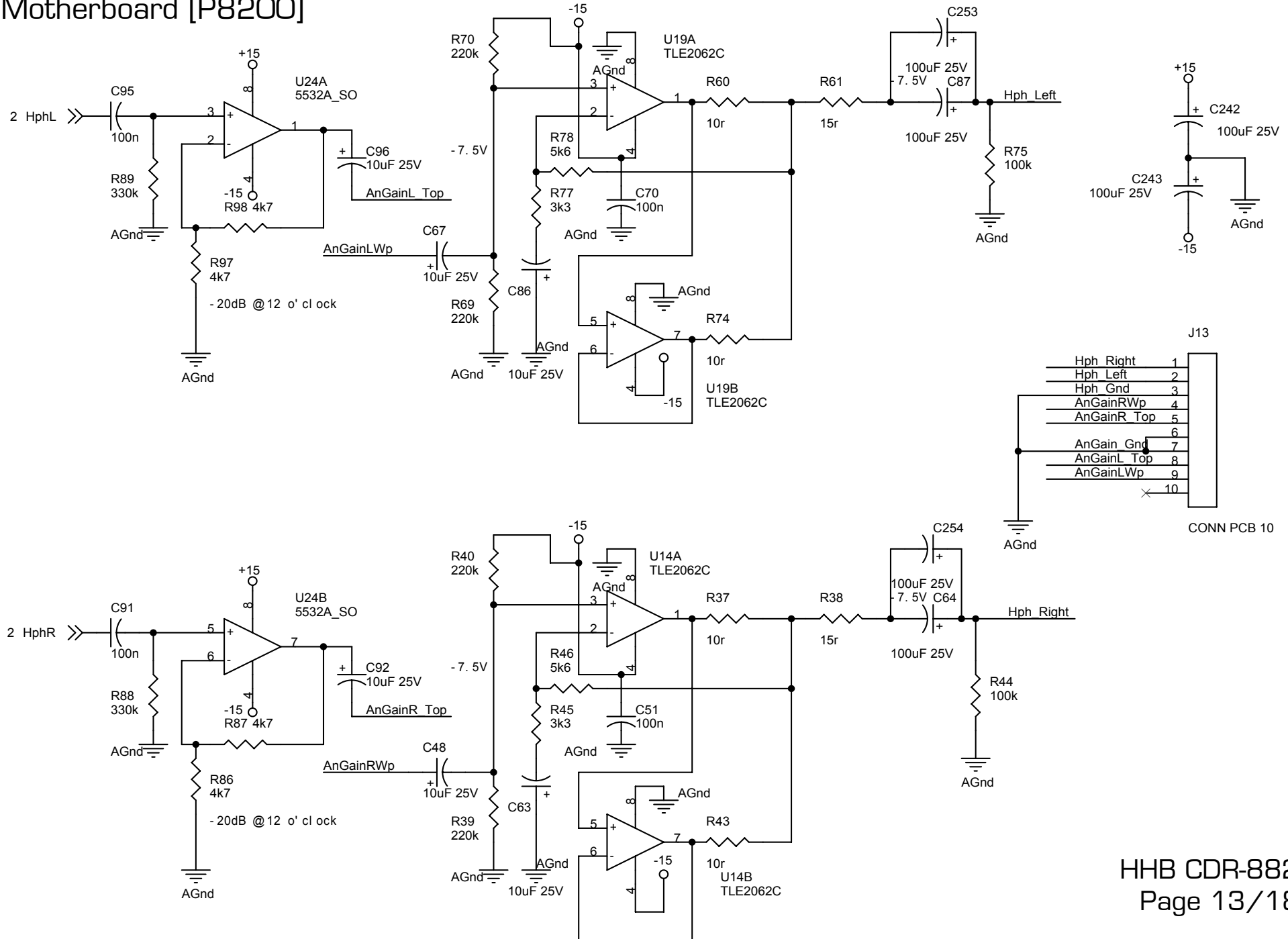
Analogue left input Motherboard [P8200]



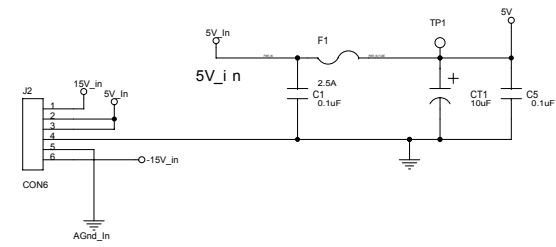
Analogue left output Motherboard [P8200]



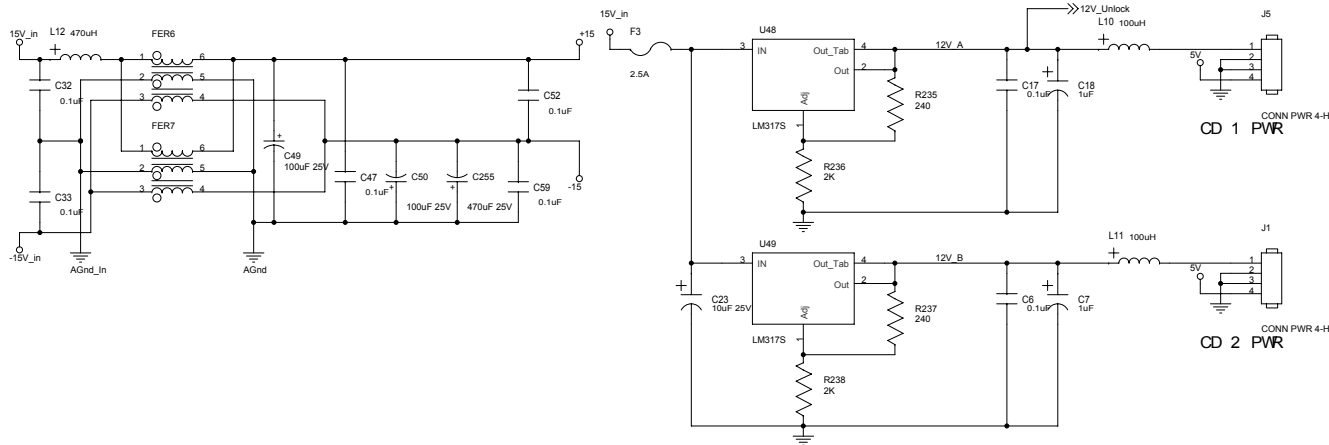
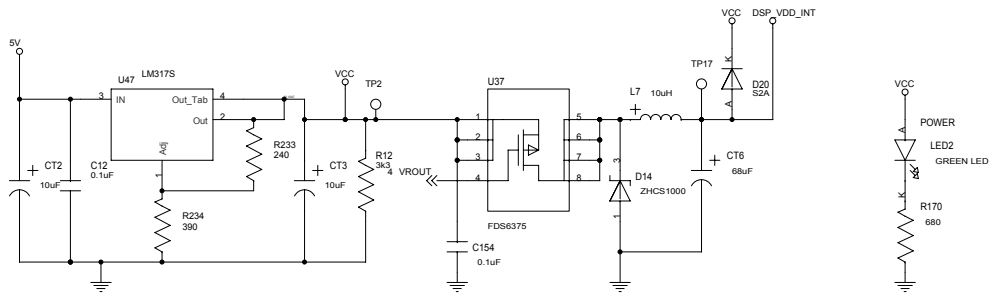
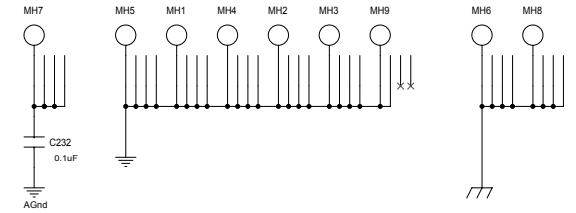
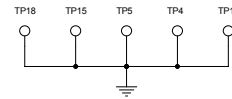
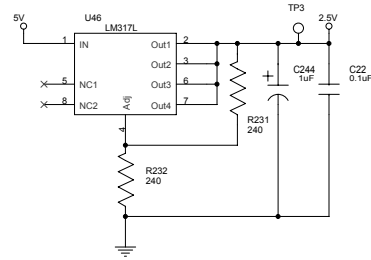
Headphones amplifier Motherboard [P8200]



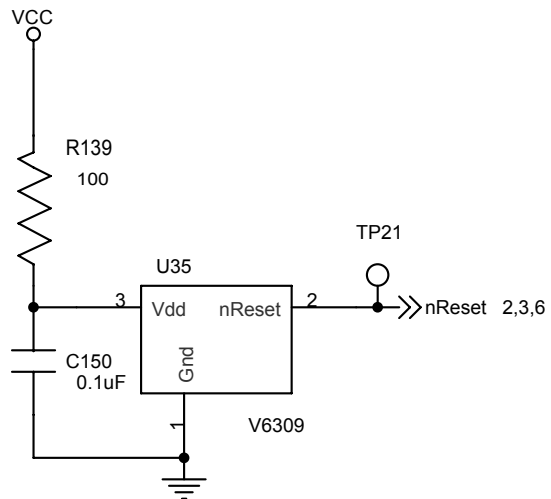
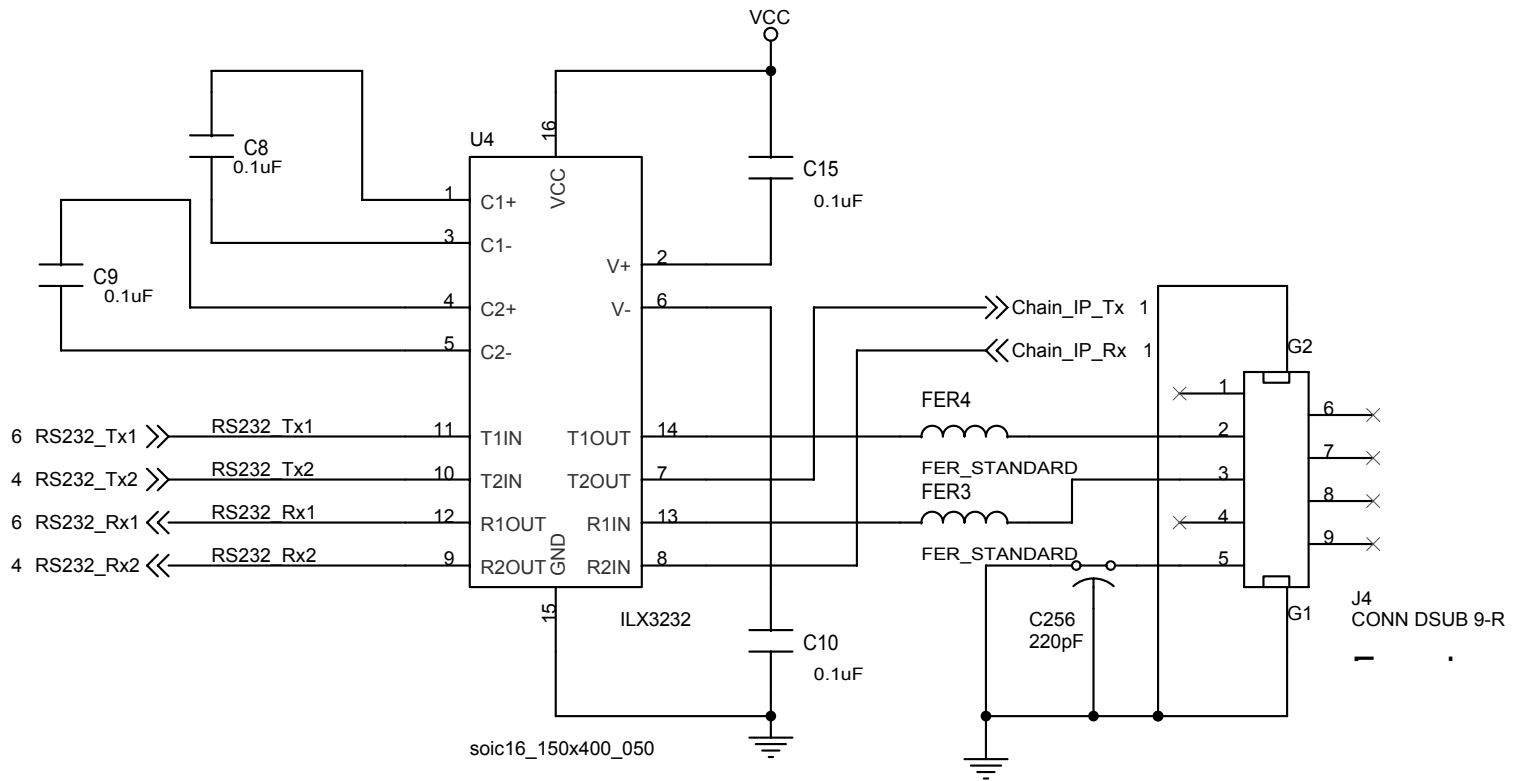
Power conversions Motherboard [P8200]



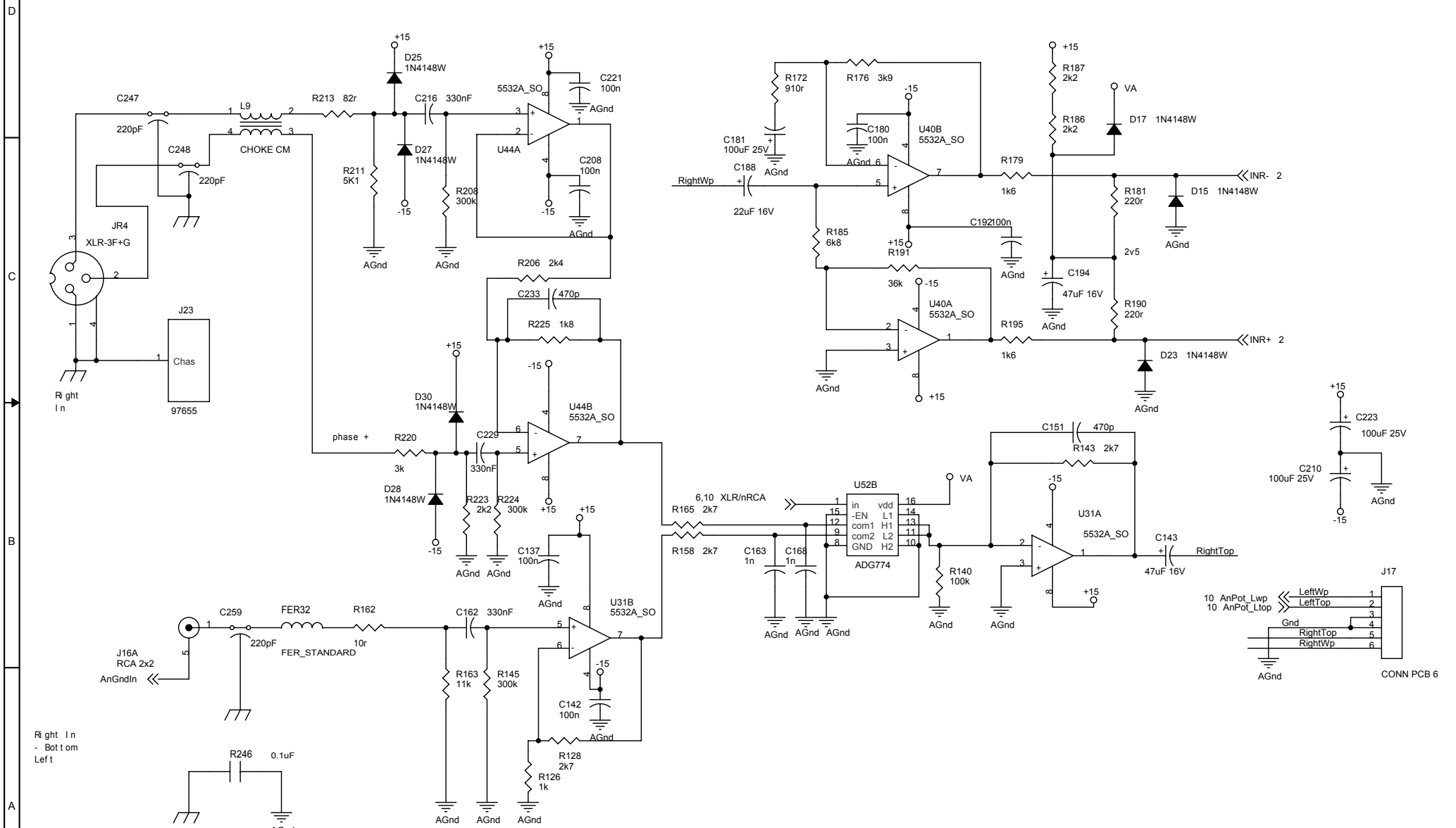
PSU POWER IN



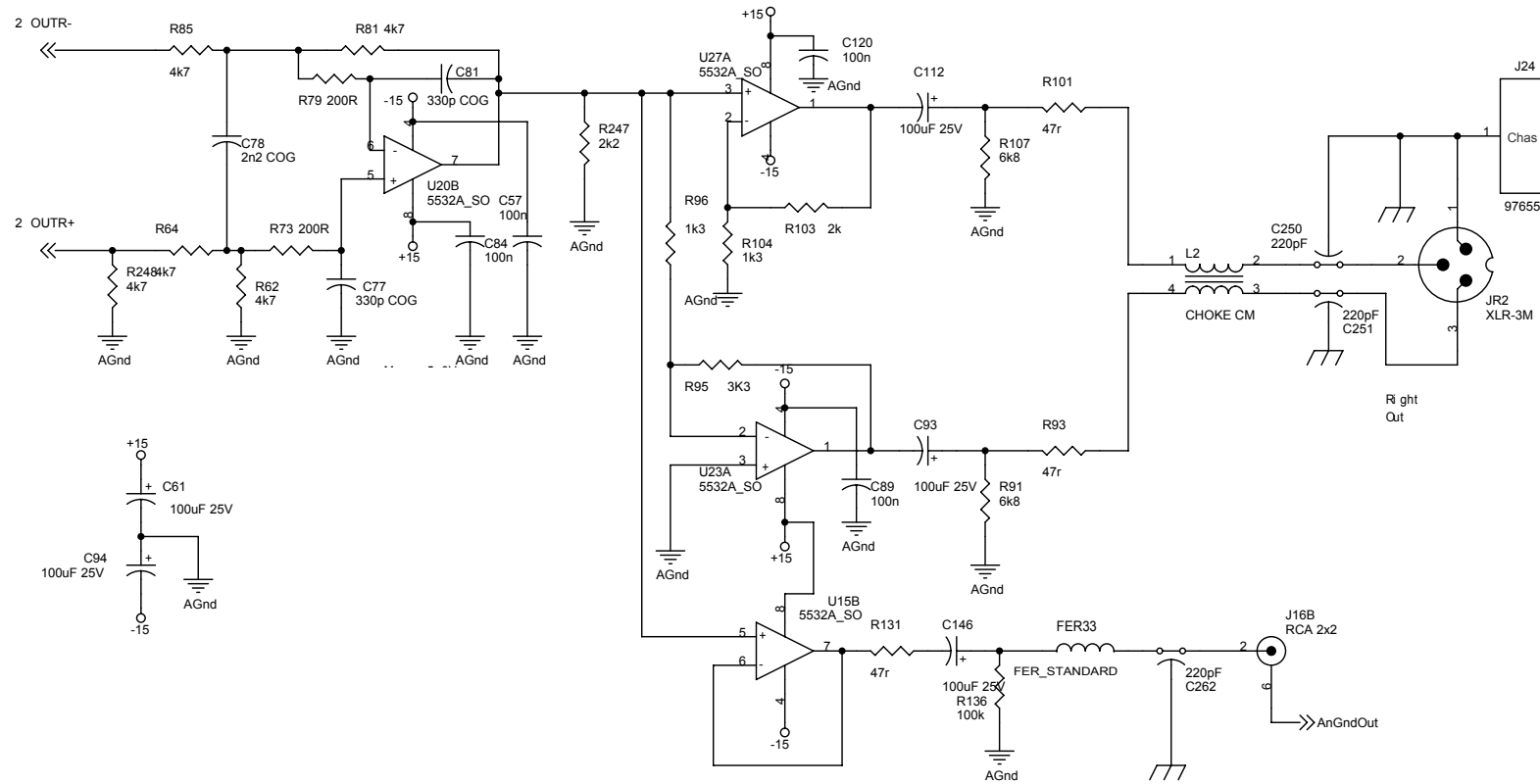
Reset and RS232 Motherboard [P8200]



Analogue right input Motherboard [P8200]

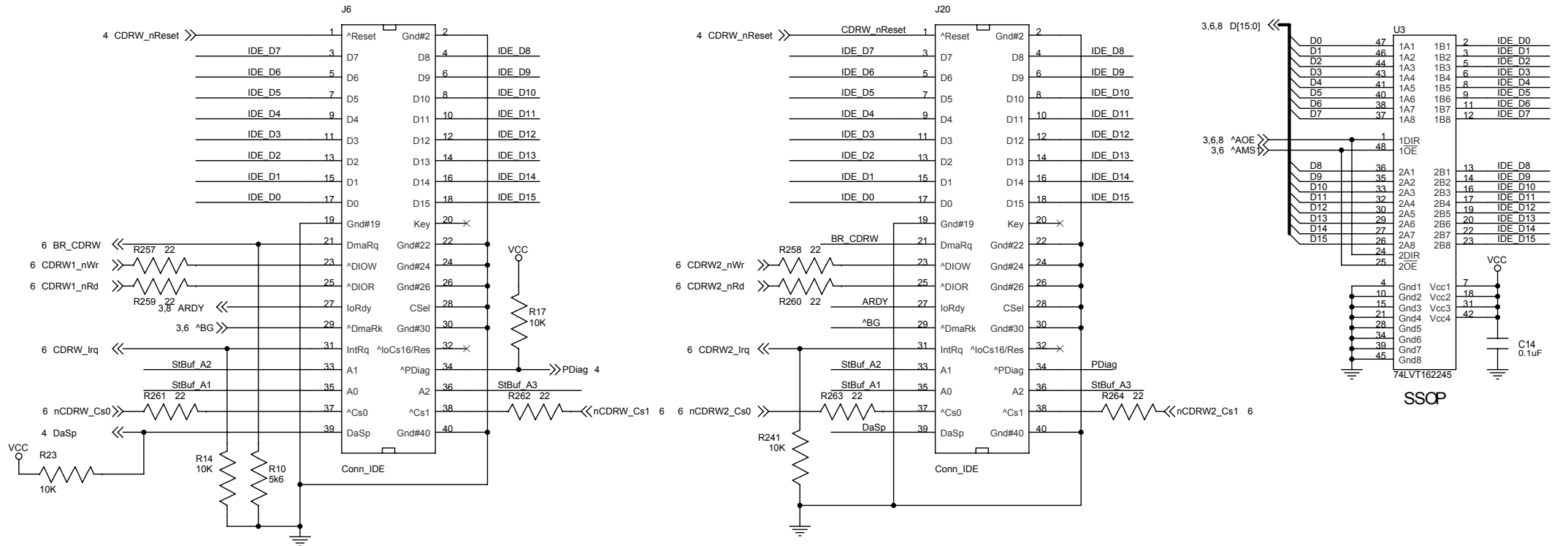


Analogue right output Motherboard [P8200]

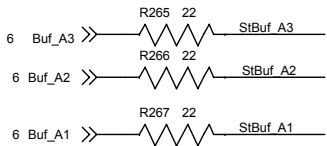


Right Out - Bottom Left

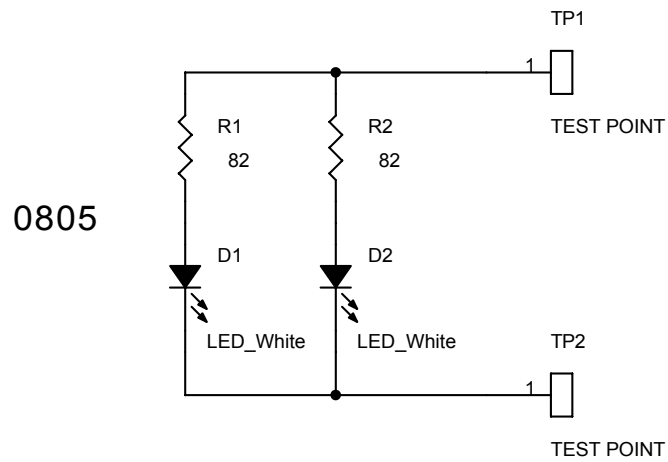
IDE interface Motherboard [P8200]



IO RDY goes LOW to extend (Wait) bus cycles
Check Addr Mapping



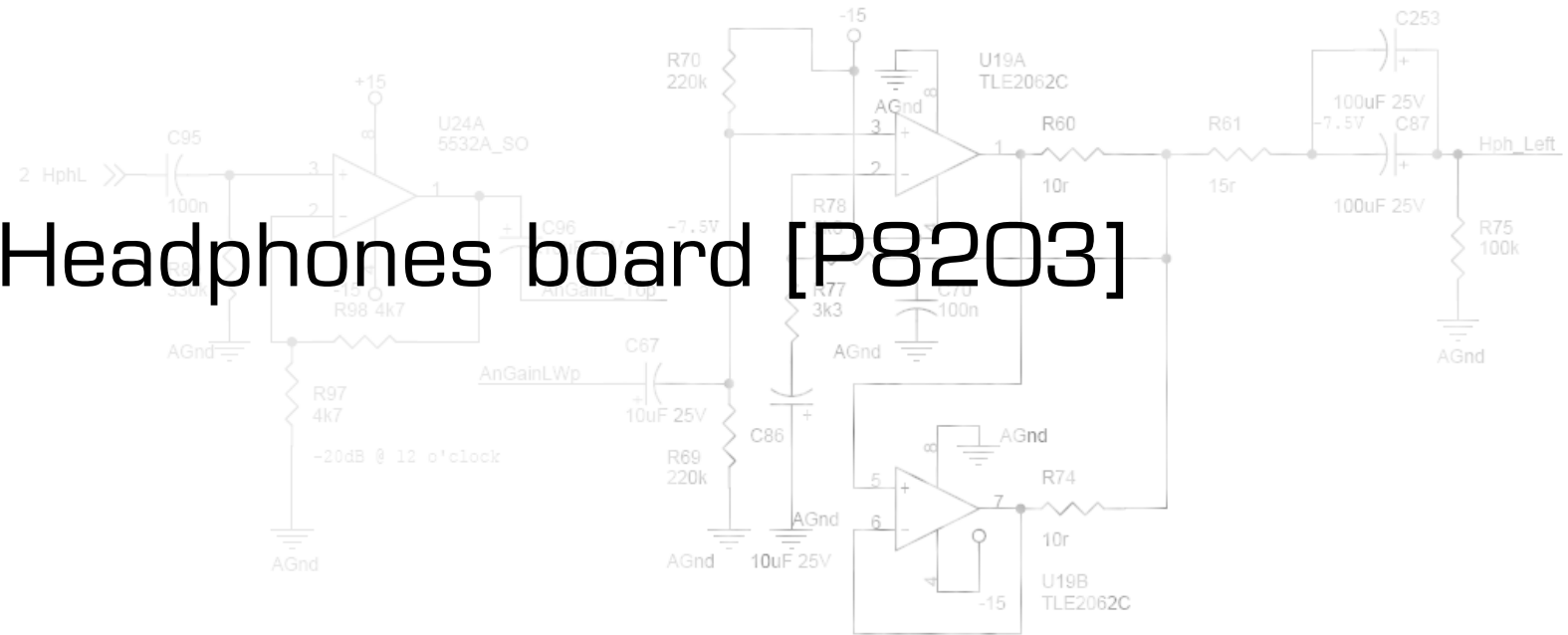
Switch illumination Switch light board [P8205]



MH1 MH2
○ ○
M HOLE1 M HOLE1

MH5 MH6
● ●
M HOLE2 M HOLE2

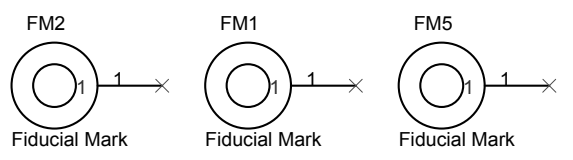
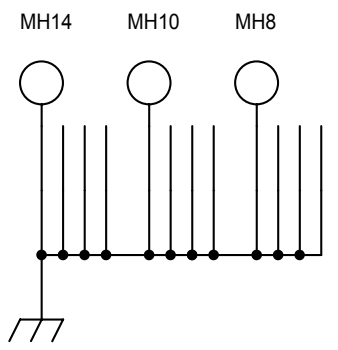
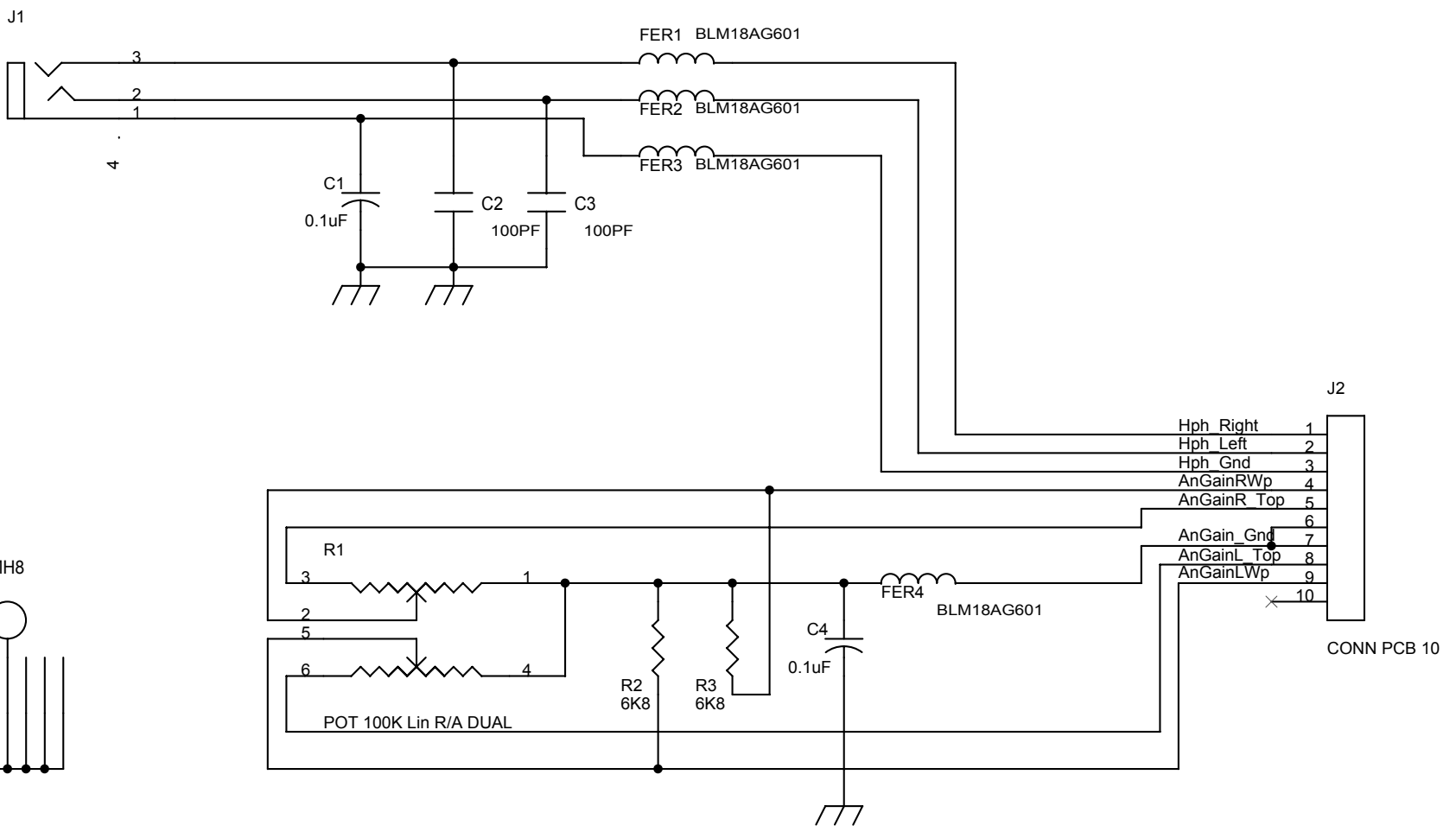
Headphones board [P8203]



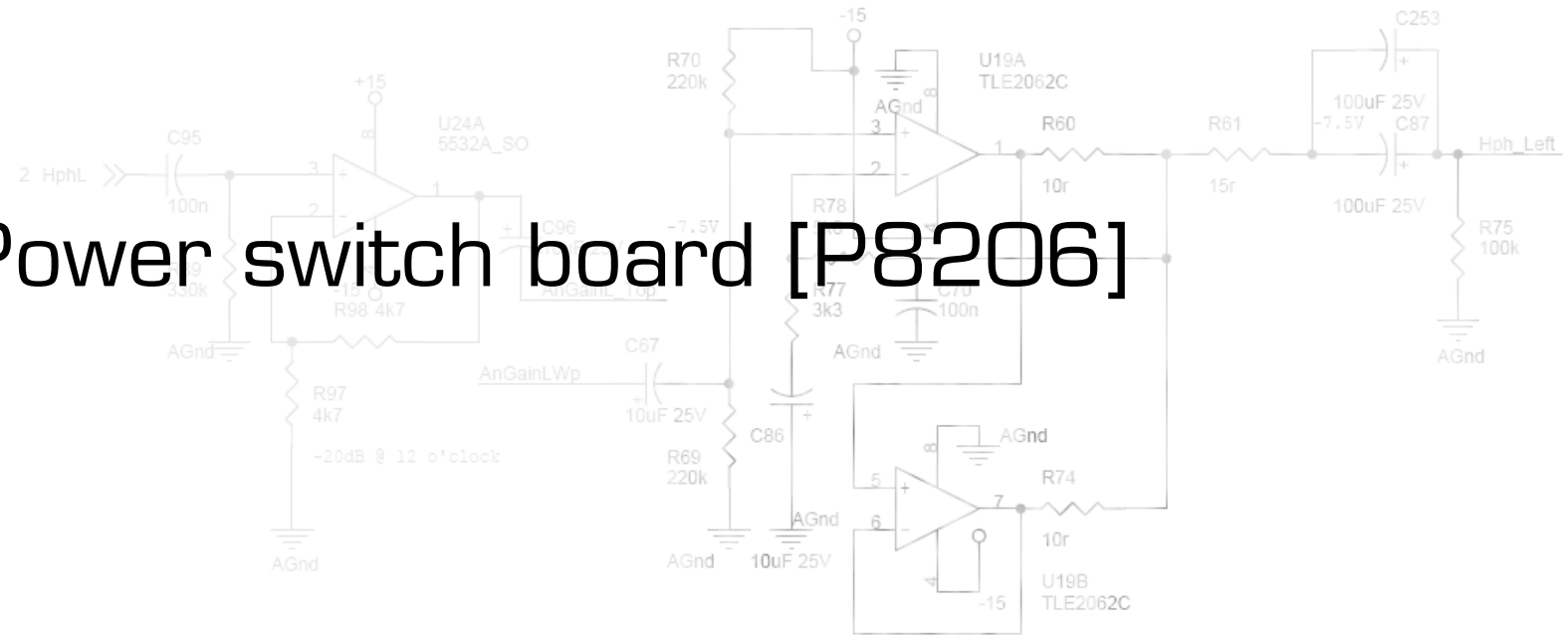
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Circuit schematics

Headphones jack and shaft Headphones board [P8203]



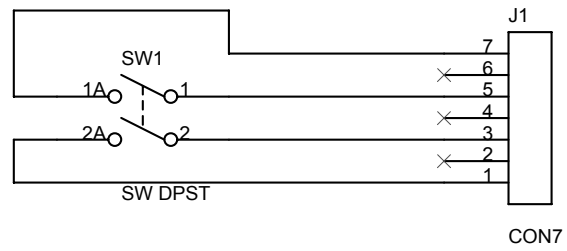
Power switch board [P8206]

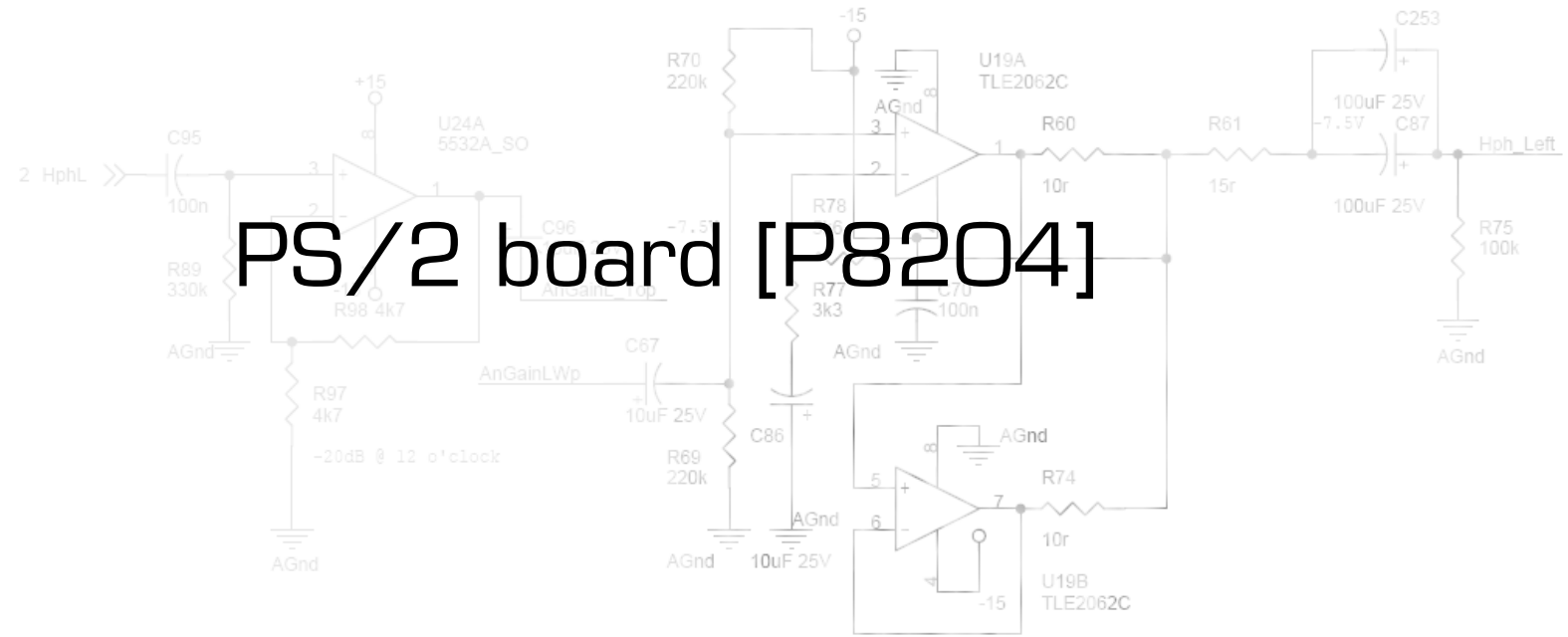


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Circuit schematics

Power switch
Power switch board [P8206]

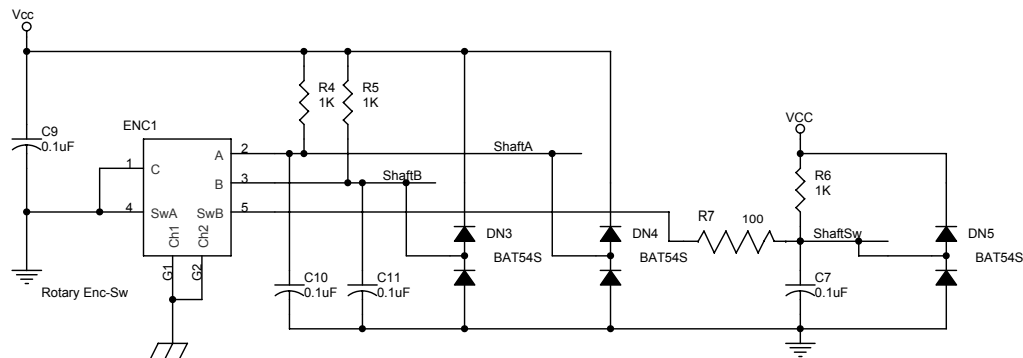
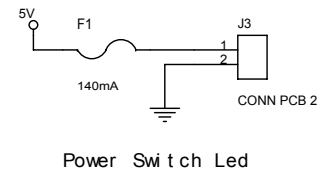
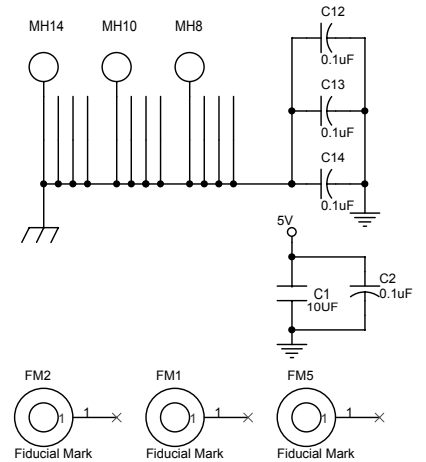
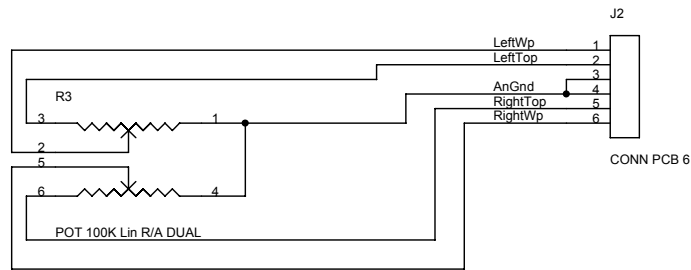
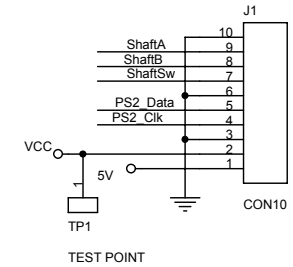
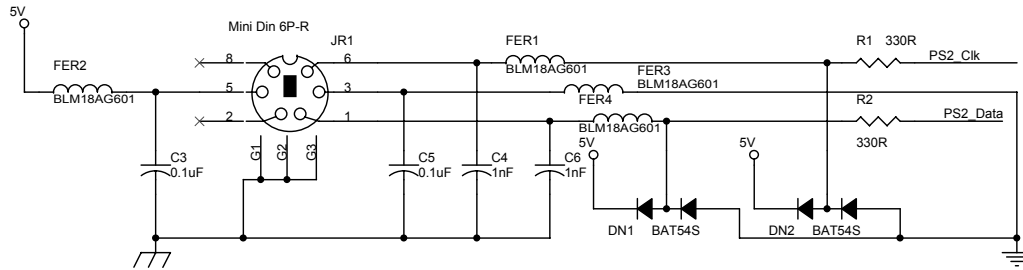


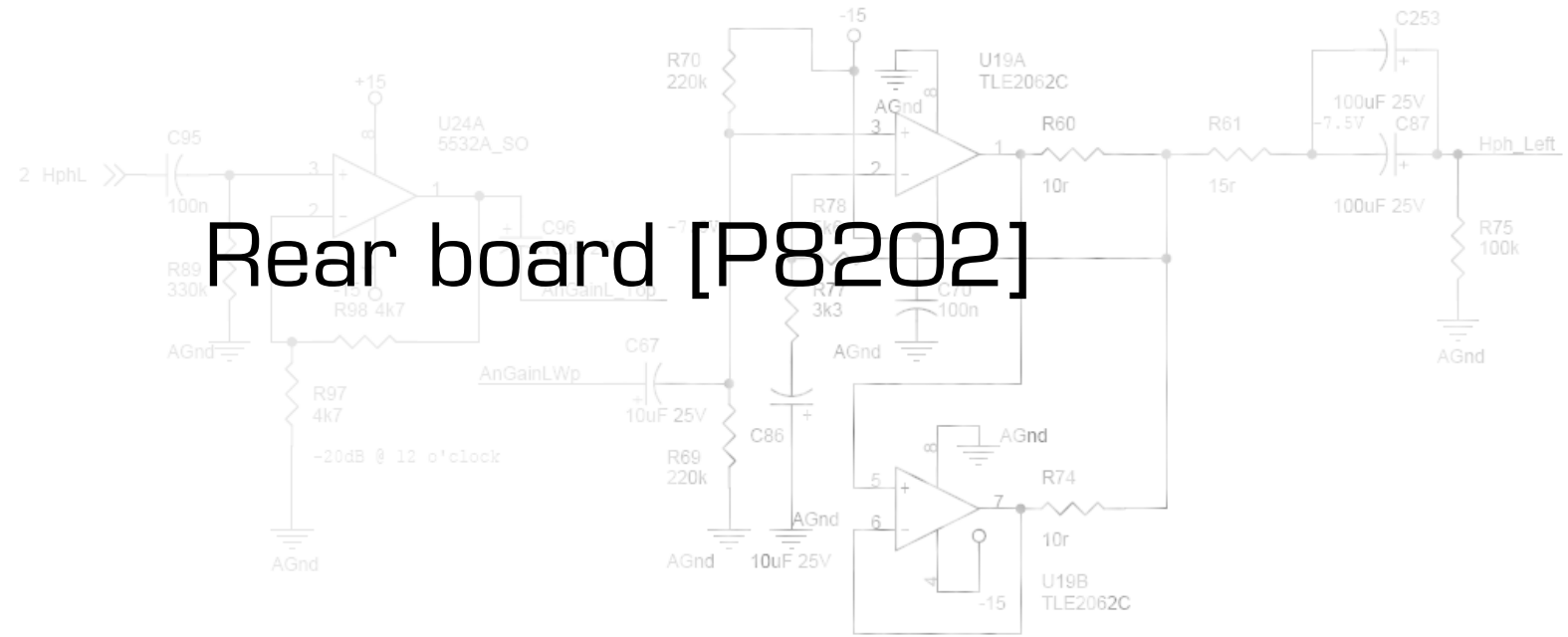


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Circuit schematics

PS/2, AMS and analogue shaft PS/2 board [P8204]



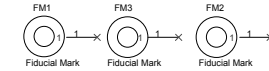
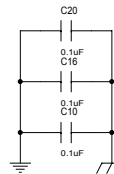
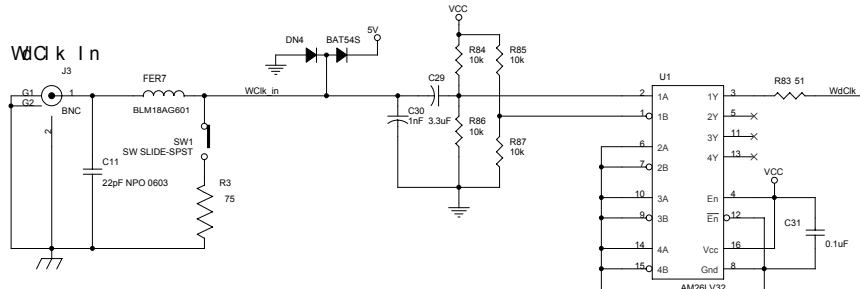
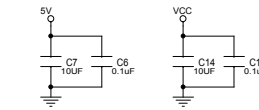
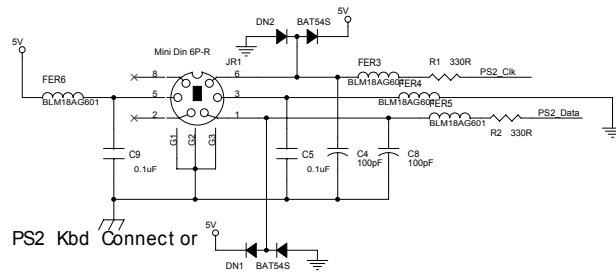
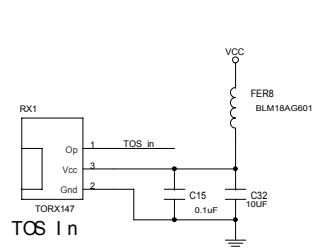
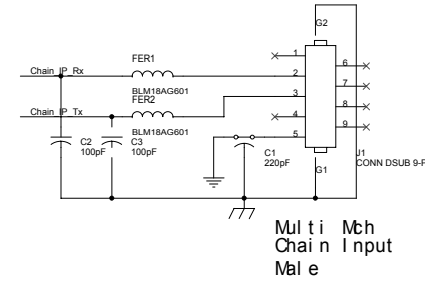
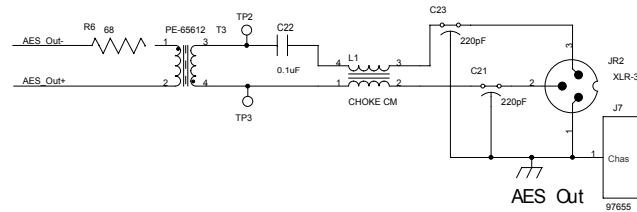
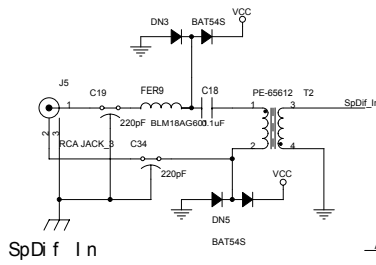
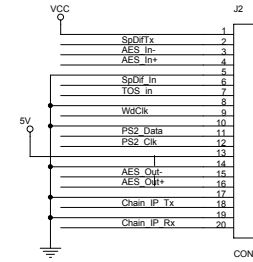
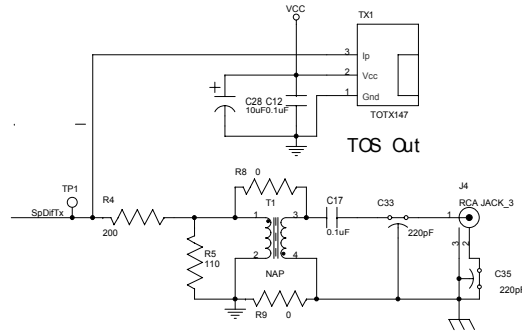
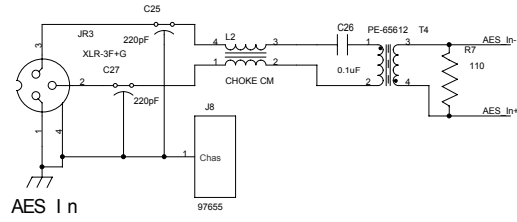


Rear board [P8202]

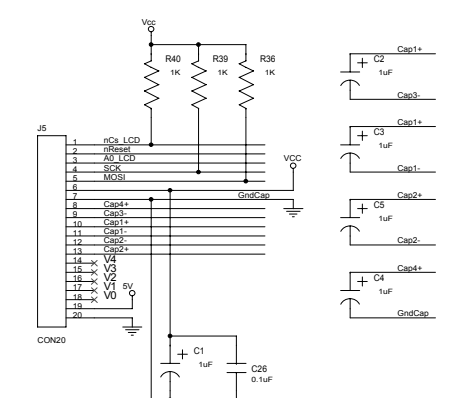
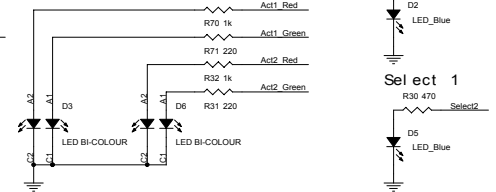
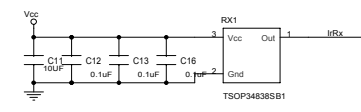
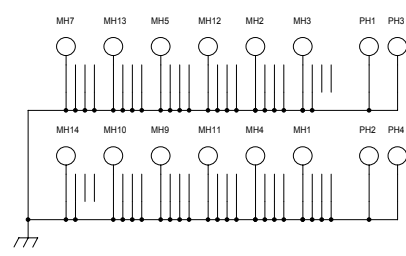
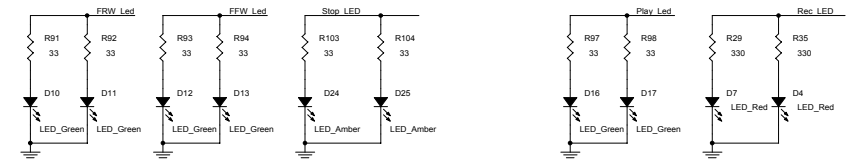
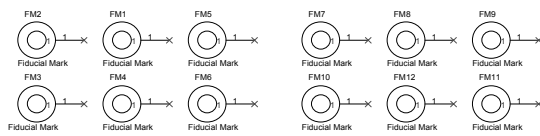
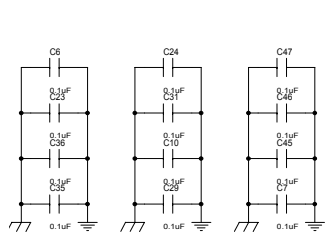
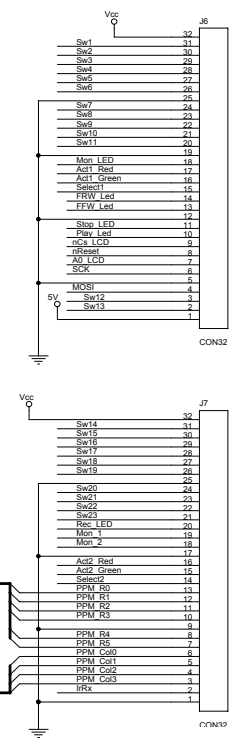
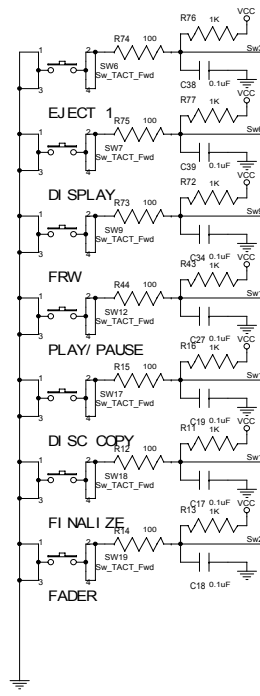
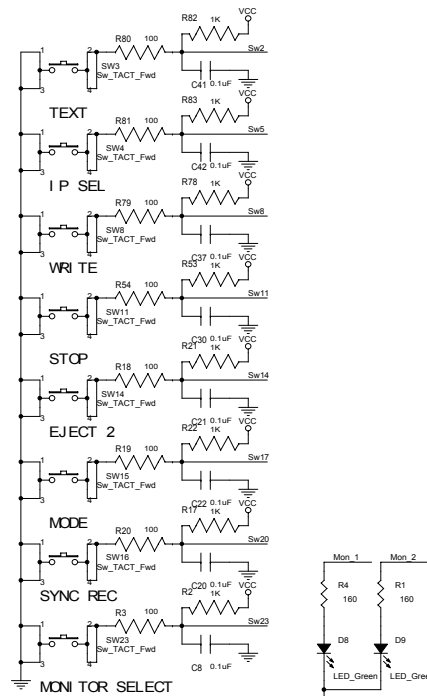
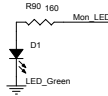
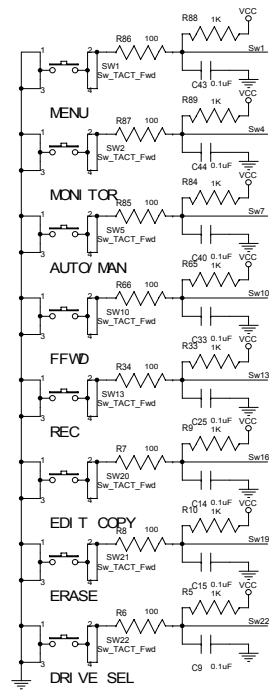
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Circuit schematics

Digital inputs and outputs Rear board [P8202]



Switches, LEDs and IR reception Switches board [P8201]



PPM meters

Switches board [P8201]

