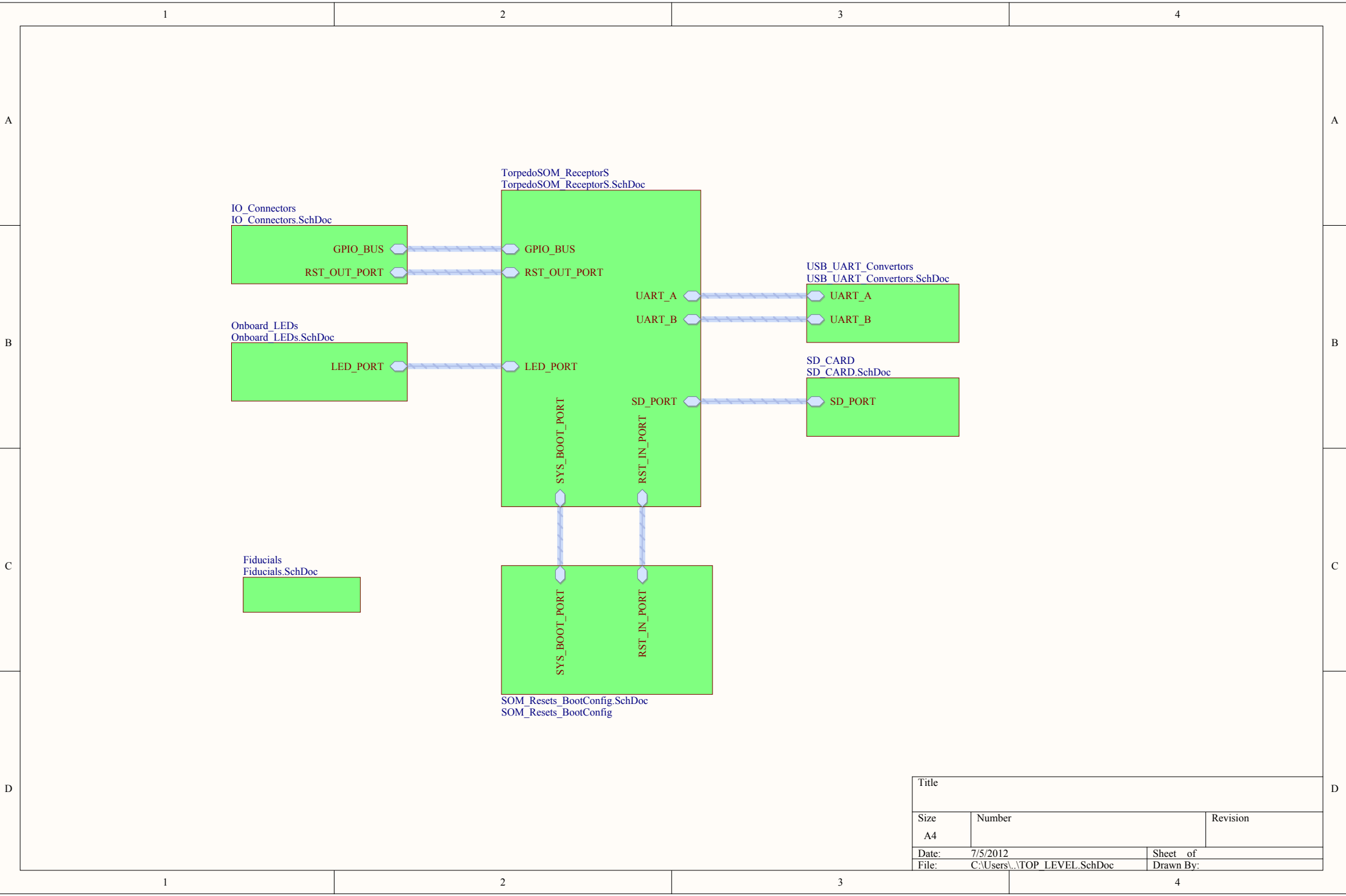


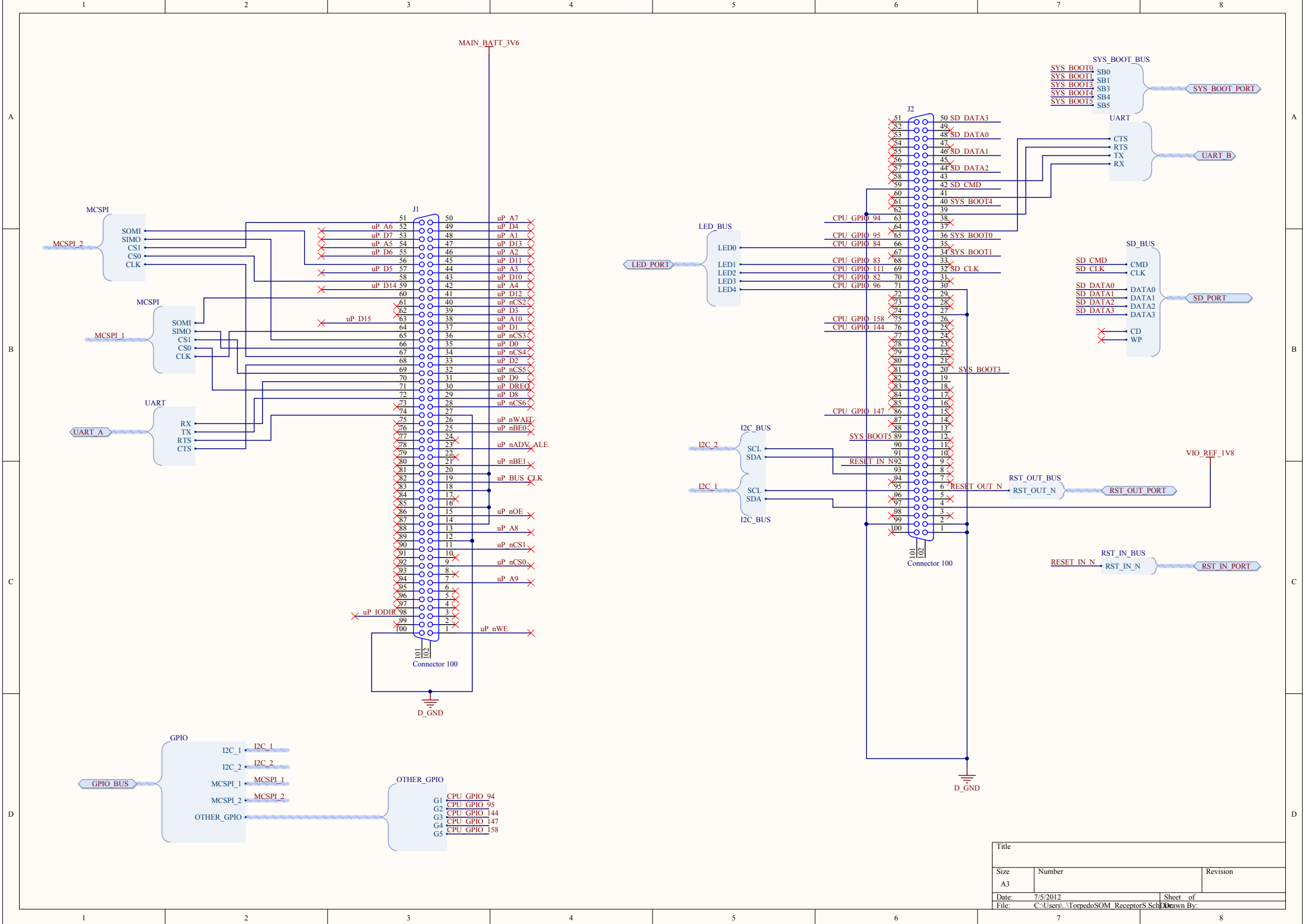
**TEST BOARD FOR AM3703/DM3730 TORPEDO SOM**  
**(SCHEMATICS)**

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TOP\_LEVEL.SchDoc

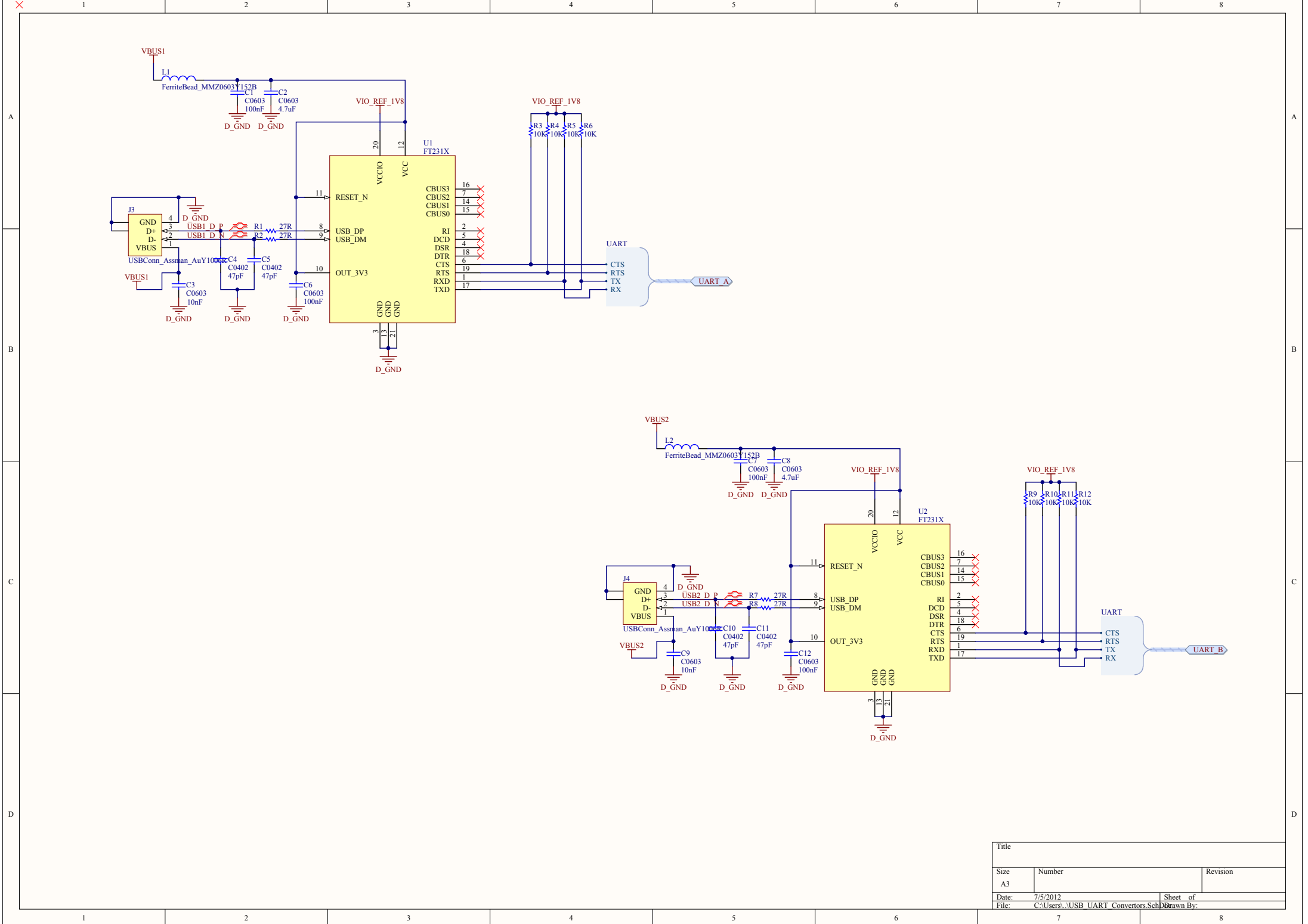


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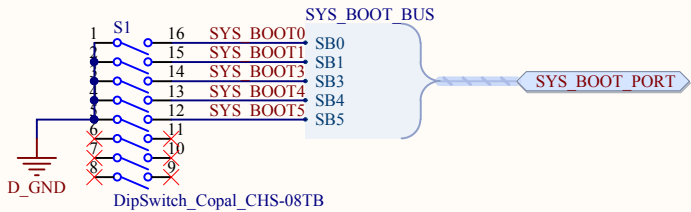
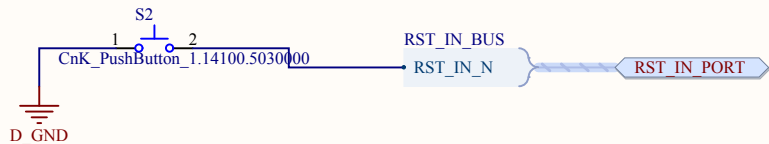




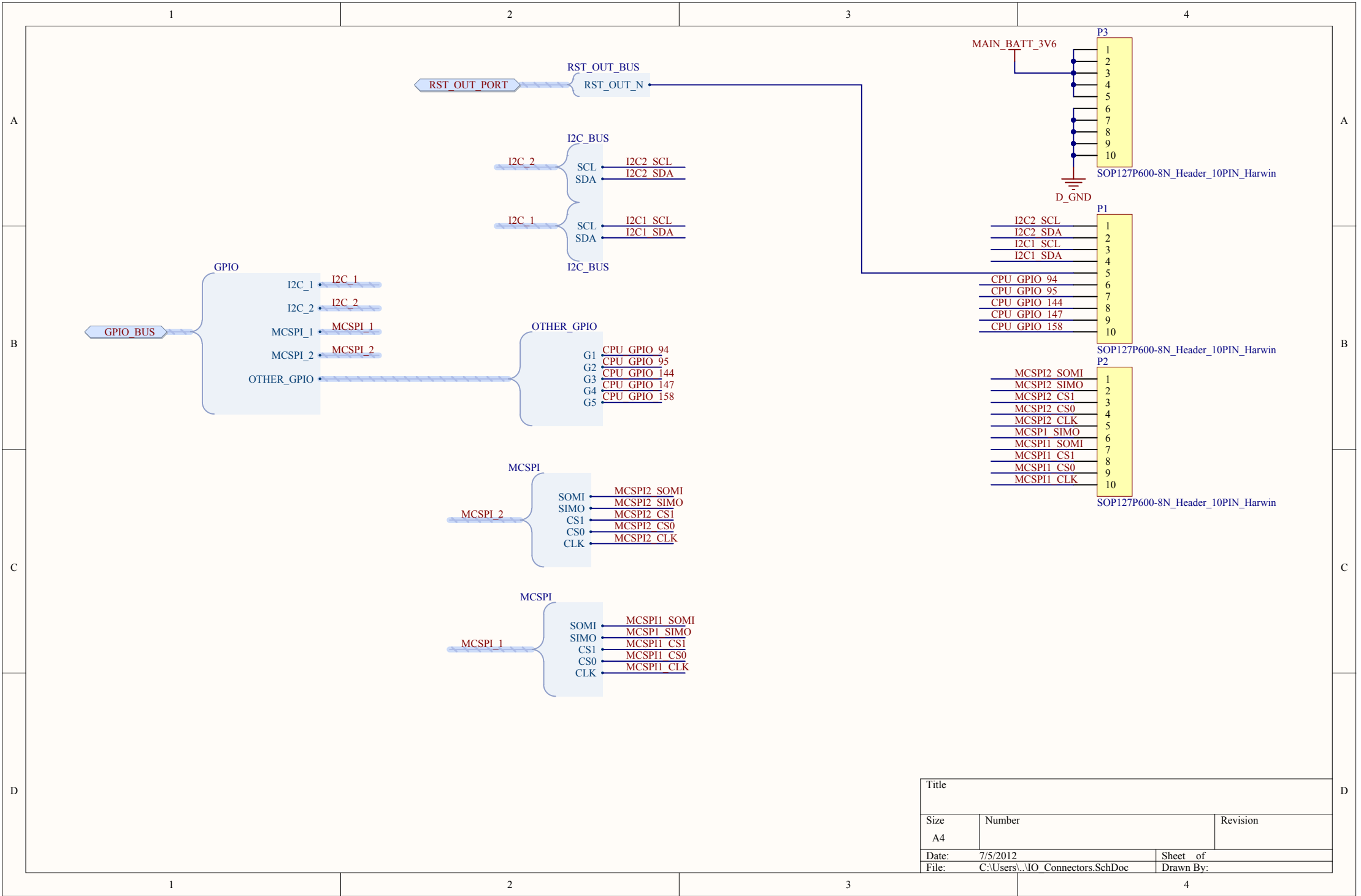
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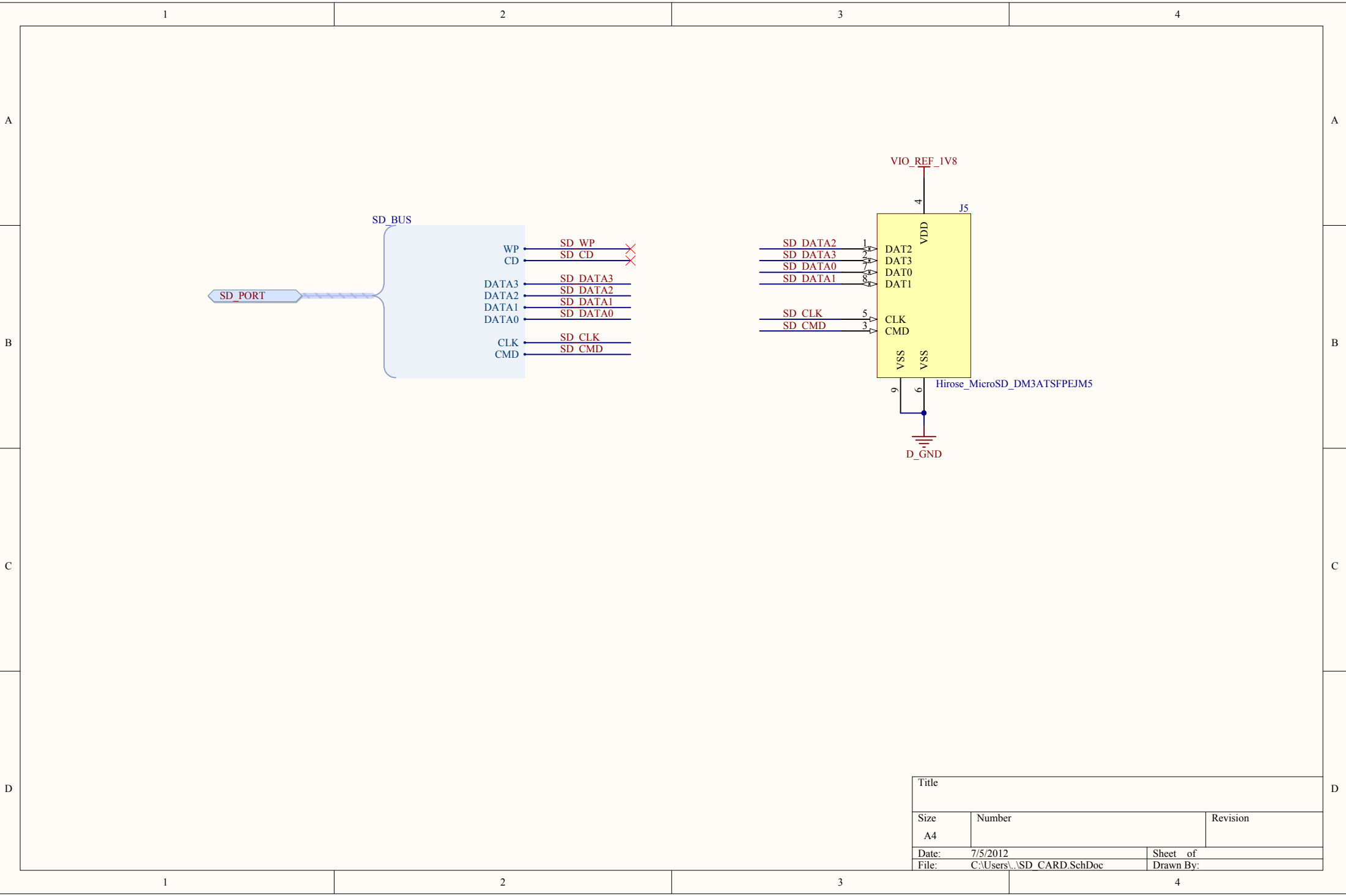
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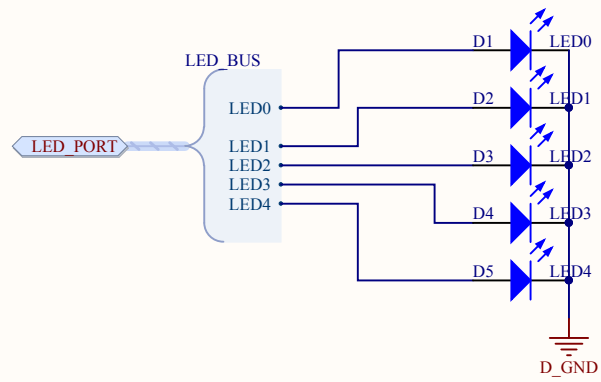
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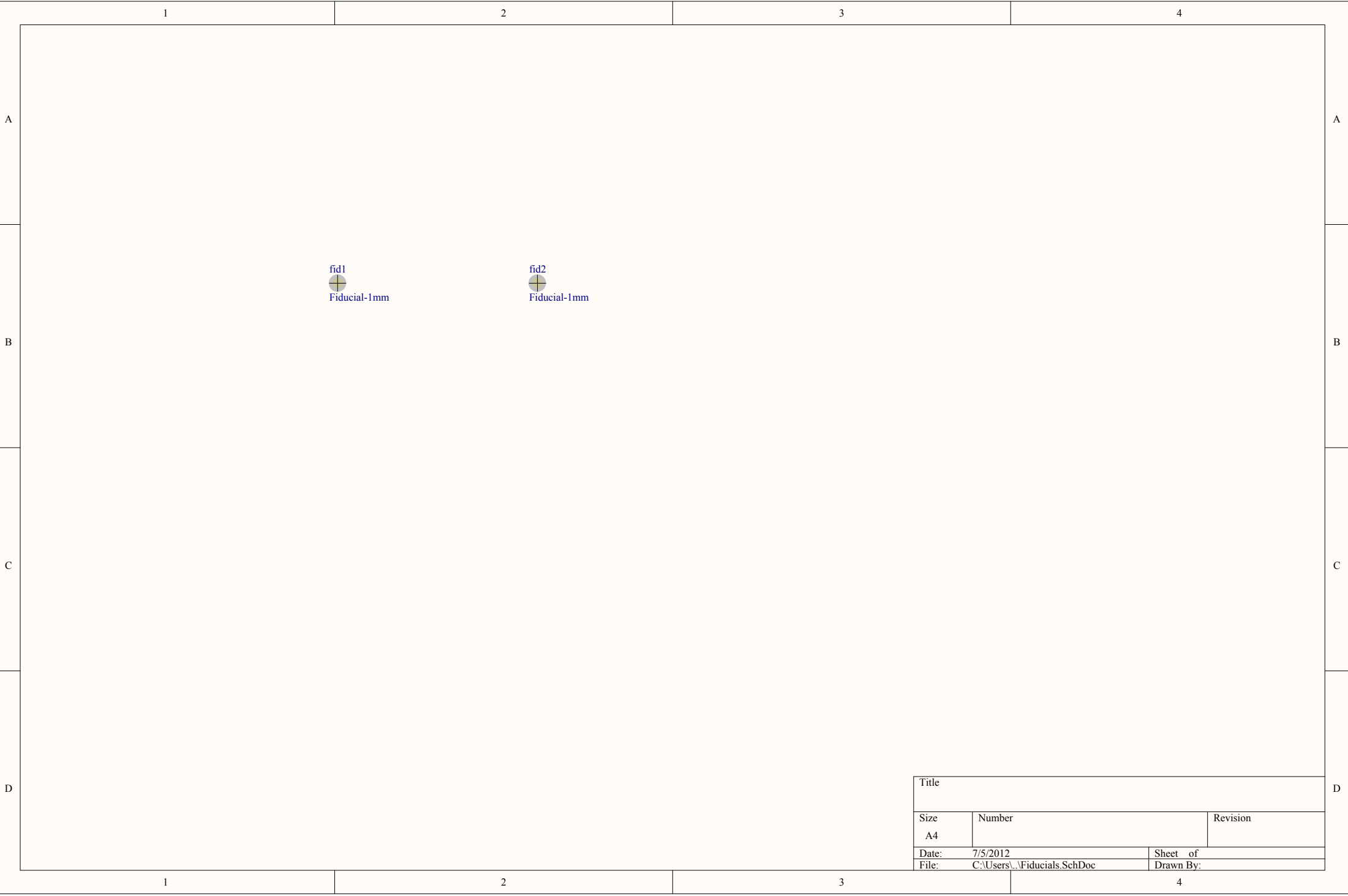


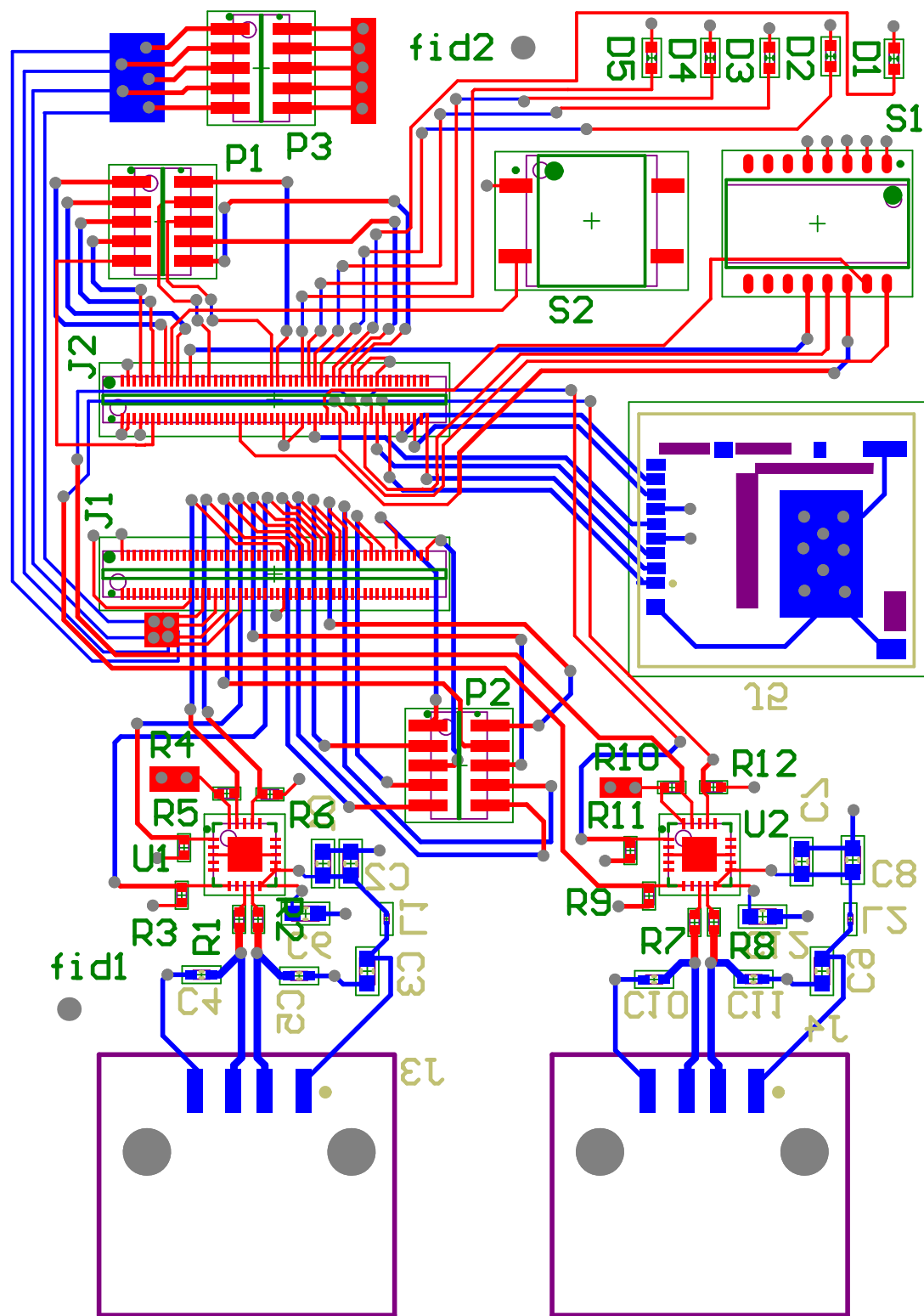
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Title		
Size	Number	Revision
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Date:	7/5/2012	Sheet of
File:	C:\Users\...\Onboard LEDs.SchDoc	Drawn By:







Comment	Description	Designator	Footprint	LibRef	Quantity
C0603	Ceramic Chip Capacitor - Standard	C1, C2, C3, C6, C7, C8, C9, C12	CAP_CER_0603_KEMET	C0603	8
C0402	Ceramic Chip Capacitor - Standard	C4, C5, C10, C11	CAP_CER_0402_KEMET	C0402	4
LED0	Typical INFRARED GaAs LED	D1	LEDCP1006X02N	LED0	1
LED1	Typical INFRARED GaAs LED	D2	LEDCP1006X02N	LED0	1
LED2	Typical INFRARED GaAs LED	D3	LEDCP1006X02N	LED0	1
LED3	Typical INFRARED GaAs LED	D4	LEDCP1006X02N	LED0	1
LED4	Typical INFRARED GaAs LED	D5	LEDCP1006X02N	LED0	1
Fiducial-1mm		fid1, fid2	FIDUCIAL_1MM	Fiducial-1mm	2
Connector 100	Receptacle Header Assembly	J1, J2	SOP127P600-8N_100PinConnRecptr_Hirose	Connector 100	2
USBConn_Assman_AuY1006R	USB 1.1, Right Angle, SMT, A Type, Receptacle, 4 Position, White	J3, J4	USBConn_Assman_AuY1006R	1-353576-1	2
Hirose_MicroSD_DMI3ATSFPEJM5		J5	SD_Card_Hirose_DMI3AT_SF_PEJM5	Component_1	1
FerriteBead_MMZ0603Y152B	Inductor	L1, L2	Chip2PinSM127P600-8N_FerriteBead_TDK	Inductor	2
SOP127P600-8N_Header_10PIN_Harwin	Header, 10-Pin	P1, P2, P3	SOP127P600-8N_Header_10PIN_Harwin	Header 10	3
27R	Thick Film Chip Resistor, 1 Ohm to 2.2M Ohm Range, 5% Tolerance, 0402 Size, 0.063 W	R1, R2, R7, R8	RES_CHIP_0402	ERJ2GE	4
10K	Thick Film Chip Resistor, 1 Ohm to 2.2M Ohm Range, 5% Tolerance, 0402 Size, 0.063 W	R3, R4, R5, R6, R9, R10, R11, R12	RES_CHIP_0402	ERJ2GE	8
DipSwitch_Copal_CHS-08TB	Ultra-Low Profile, Half-Pitch, SM, Slide DIP Switch, Flat Actuator, White Striker, 8 Position, SPST, Seal Tape: Embossed Taping Model	S1	SOP127P800X250-16N_DIP_SWITCH_COPAL	A6H-8102-P	1
CnK_PushButton_1.1410 0.5030000	Switch, Subminiature Side-Actuated Tact, SMT, KSS Series, Std Actuator, 2 Gull Wing Leads, SPST, 2N Force, Gold Contact	S2	SOP127P600-8N_PushButtonRacon8	KSS222GLFG	1
FT231X		U1, U2	QFN127P600-8N_FTDI_2	FT231X	2