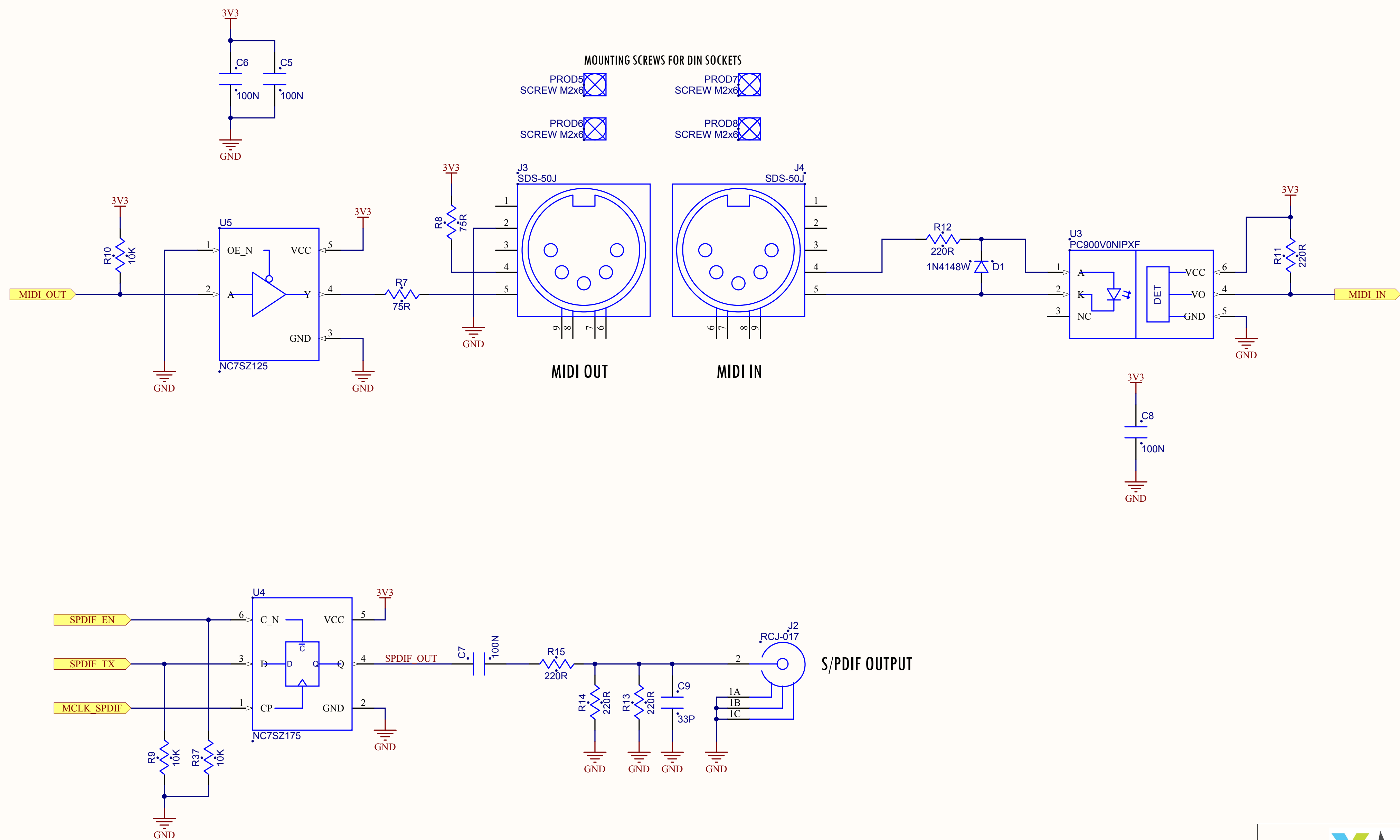


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Project Name

XPCB-057.PrjPCB

Size A3	Sheet Name ANALOGUE_IO	Rev 1V1
Date 07/12/2012	Sheet 2 of 3	



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Project Name

XPCB-057.PrjPCB

Size A3	Sheet Name DIGITAL_IO	Rev 1V1
Date 07/12/2012	Sheet 3 of 3	

BOM

TOP_LEVEL

Source Data From:

XPCB-057.PrjPCB

Project:

XPCB-057.PrjPCB

Variant:

None



Report Date:

07/12/2012

13:50:27

Print Date:

07-Dec-12

1:50:33 PM

#	LibRef	Designator	Description	Quantity
1	E-01-0001	R36	RES 1k 0603 1%	1
2	E-01-0002	R9, R10, R22, R23, R24, R25, R26, R37	RES 10k 0603 1%	8
3	E-01-0008	R1, R2, R3, R4	RES 33R 0603 1%	4
4	E-01-0018	R27	RES 2.7k 0603 1%	1
5	E-01-0021	R5, R6, R28, R29, R30, R31	RES 4.7k 0603 1%	6
6	E-01-0022	R32, R33, R34, R35	RES 470R 0603 1%	4
7	E-01-0030	R16	RES 1R 0603 5%	1
8	E-01-0037	R17	RES 6.8k 0603 1%	1
9	E-01-0038	R18, R19, R20, R21	RES 3.3k 0603 1%	4
10	E-01-0086	R11, R12, R13, R14, R15	RES 220R 0603 1%	5
11	E-01-0263	R7, R8	RES 75R 0805 1%	2
12	E-02-0002	C1, C5, C6, C7, C8, C24, C25, C26, C27, C28, C29, C30, C31, C32	MLCC 100nF 0402 X7R 16V	14
13	E-02-0008	C9	MLCC 33pF 0402 COG 50V	1
14	E-02-0013	C33, C34, C35, C36	MLCC 2.2nF 0603 COG 50V	4
15	E-02-0016	C37, C38, C39, C40	MLCC 220pF 0402 COG 50V	4
16	E-02-0019	C41, C42, C43	MLCC 2.2uF 0603 X5R 10V	3
17	E-02-0026	C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20	Al Elec 10uF 25V CaseB SMD	11
18	E-02-0031	C22, C23	Al Elec 47uF 16V CaseC SMD	2
19	E-02-0057	C2, C3, C4	MLCC 0402 No Fit	3
20	E-02-0062	C21	MLCC 100pF 0402 COG 50V	1
21	E-04-0023	J5, J6, J7, J8	TRS jack, 3.5mm, SMD	4
22	E-04-0030	J2	RCA Jack, Right Angle, Through Hole, Orange	1
23	E-04-0034	J3, J4	DIN Socket, 5pin, 180°, Right Angle, Through Hole	2
24	E-04-0058	J1	PCIe Edge Connector Plug, x1, 36 Pin, DNF	1
25	E-05-0009	U8	Voltage regulator, LDO, Adjustable, 200mA	1
26	E-07-0030	X1	Crystal, 24MHz, HC49/US SMD, Fundamental, 18pF, Tol. ±30ppm, Stab. ±50ppm	1
27	E-08-0007	FB1	Ferrite Bead, 120R AT 100MHz, 0603, 500mA	1
28	E-10-0013	D1	Diode, 100V, 0.3A, SOD123	1
29	E-12-0001	D2	LED, GREEN, 0603	1
30	E-13-0005	U4	Single D-Type Flip-Flop, UHS Series, SC70	1
31	E-13-0006	U5	Logic Buffer, Tri-State, UHS Series, SC70	1
32	E-13-0092	U3	Digital Output Optocoupler, Normal OFF Operation, Open Collector, 6 Pin Gullwing SMD	1
33	E-13-0094	U6, U7	Audio CODEC, 2 In, 2 Out, 24Bit, 192KHz, TSSOP24	2
34	E-13-0095	U1	Clock Generator, 24MHz in, 22.5792MHz or 24.576MHz out, MSOP8	1
35	E-13-0107	U2	Fractional-N Clock Multiplier, Crystal Reference, MSOP10	1
36	E-14-0002	MTH1, MTH2, MTH3, MTH4	Mounting Hole, Plated, for M3 Screw, 6mm Dia	4
37	E-14-0014	MECH1	Mounting Hole, Non Plated, 2.8mm Dia	1
38	E-15-0003	TP1, TP2, TP3	Through Hole Testpoint	3
39	E-15-0004	FM1, FM2, FM3	Fiducial, 1.5mm dot, 3mm keepout	3
40	P-01-0011	PROD1, PROD2, PROD3, PROD4	Feet, Nylon, M3, 6mm Standoff	4
41	P-01-0043	PROD5, PROD6, PROD7, PROD8	Metric Machine Screw, M2 Thread, Steel, BZP, Pan Head, Pozidriv, 6mm Length	4
Approved			Notes	119