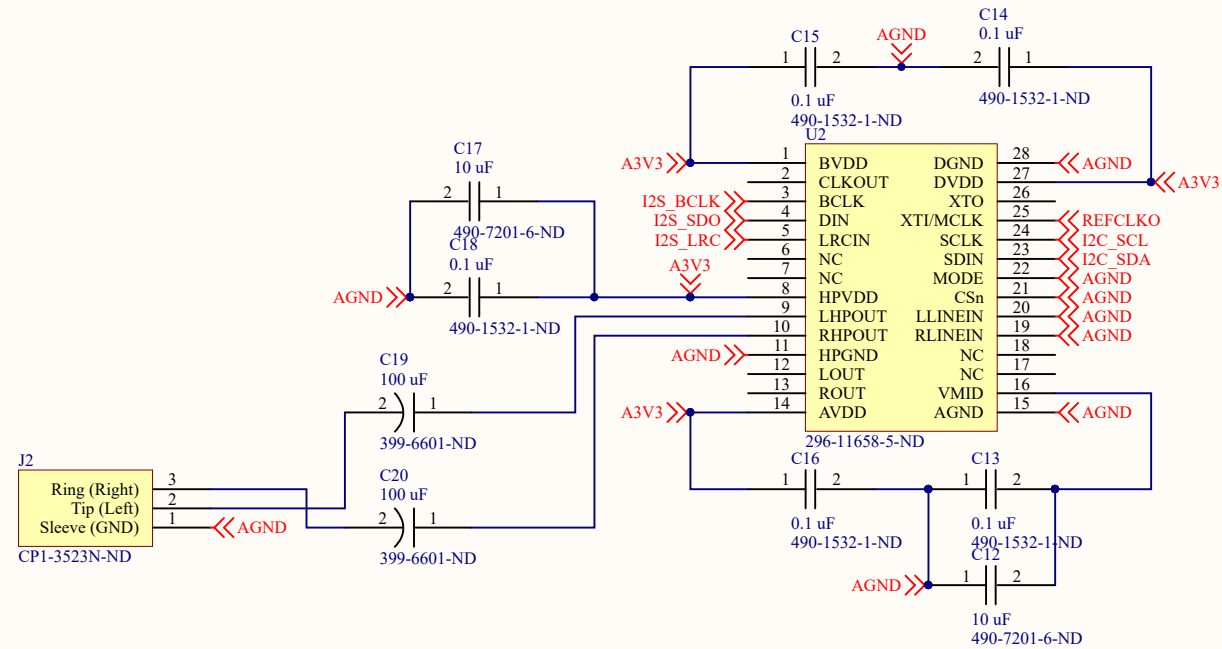
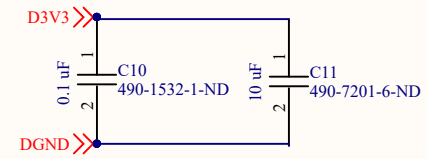
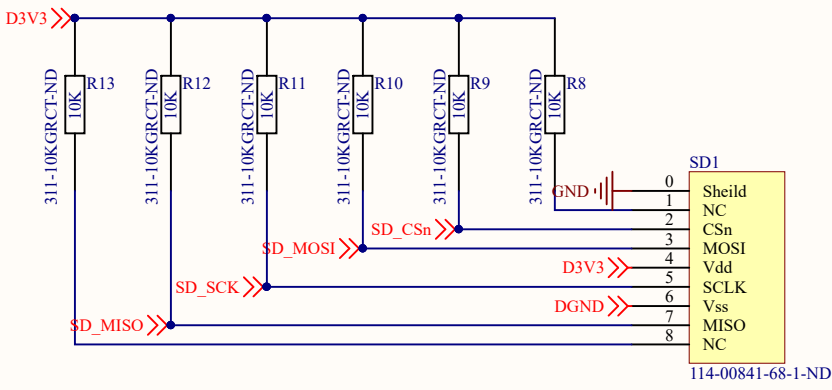


Title		
DIY_DAP_PCB_PIC32		
Size	Number	Revision
A4		A
Date:	2015-09-02	Sheet 1 of 4
File:	C:\Users\...\DIY_DAP_PCB_PIC32.SchDoc	Drawn By: Alex Lao & Devon Andrade

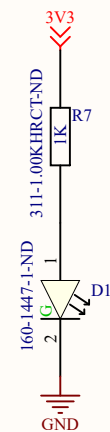


I2C Address = 0011010

Title		
DIY_DAP_PCB_Audio		
Size	Number	Revision
A4		A
Date:	2015-09-02	Sheet 2 of 4
File:	C:\Users\...DIY_DAP_PCB_Audio.SchDoc Drawn By: Alex Lao & Devon Andrade	



Title		
DIY_DAP_PCB_MicroSD		
Size	Number	Revision
A4		A
Date:	2015-09-02	Sheet 3 of 4
File:	C:\Users\...DIY_DAP_PCB_MicroSD.SchDocn By: Alex Lao & Devon Andrade	



Title DIY_DAP_PCB_Power		
Size A4	Number	Revision A
Date:	2015-09-02	Sheet 4 of 4
File:	C:\Users\...DIY_DAP_PCB_Power.SchDoc Drawn By: Alex Lao & Devon Andrade	



Comment	Description	Designator	Footprint	LibRef	Quantity
490-1532-1-ND	0603 0.1 uF - 16V - Ceramic Capacitor	C1, C2, C3, C7, C10, C13, C14, C15, C16, C18	0603	490-1532-1-ND	10
490-7201-6-ND	0603 10 uF - 16V - Ceramic Capacitor	C4, C11, C12, C17, C21, C22	0603	490-7201-6-ND	6
1276-1296-1-ND	0603 15 pF - 50V - Ceramic Capacitor	C5, C6	0603	1276-1296-1-ND	2
493-11316-1-ND	47 uF - 10V - Electrolytic Capacitor	C8, C9	493-11316-1-ND	493-11316-1-ND	2
399-6601-ND	100 uF - 16V - Electrolytic Capacitor	C19, C20	399-6601-ND	399-6601-ND	2
160-1447-1-ND	Green LED (0603)	D1, D2, D3, D4	0603	160-1447-1-ND	4
SF-0603S080-2CT-ND	800 mA 32VDC Fuse	F1	0603	SF-0603S080-2CT-ND	1
455-1719-ND	JST-PH Battery Connector	J1	455-1719-ND	455-1719-ND	1
CP1-3523N-ND	3.5mm Audio Jack	J2	CP1-3523N-ND	CP1-3523N-ND	1
609-4618-1-ND	USB Micro-B	J3	609-4618-1-ND	609-4618-1-ND	1
6 Pin PIC Programming Header	6 Pin PIC Programming Header	P1	PIC32 Programming Header	6 Pin PIC Programming Header	1
IO Header		P2	IO Header	IO Header	1
450-1129-ND	Momentary Push button	PB1, PB2, PB3, PB4	450-1129-ND	450-1129-ND	4
311-1.00KHRCT-ND	1k Ohm Resistor	R1, R3, R4, R7, R17, R18, R19	0603	311-1.00KHRCT-ND	7
311-10KGRCT-ND	10k Ohm Resistor	R2, R8, R9, R10, R11, R12, R13, R14, R15, R16	0603	311-10KGRCT-ND	10
311-22KGRCT-ND	22k Ohm Resistor	R5	0603	311-22KGRCT-ND	1
311-75.0KHRCT-ND	75k Ohm Resistor	R6	0603	311-75.0KHRCT-ND	1
CWI395-ND		S1	CWI395-ND	CWI395-ND	1
114-00841-68-1-ND	MicroSD Card Slot	SD1	114-00841-68-1-ND	114-00841-68-1-ND	1
PIC32MX270	PIC32MX270F256B	U1	PIC32MX270F256B-50I/SS-ND	PIC32MX270F256B-50I/SS-ND	1
296-11658-5-ND	TLV320DAC23PW	U2	296-11658-5-ND	296-11658-5-ND	1
LP3964EMP-3.3/NOPBCT-ND	3.3V LDO	U3	LP3964EMP-3.3/NOPBCT-ND	LP3964EMP-3.3/NOPBCT-ND	1
LM8365BALMF27/NOPBCT-ND	Undervoltage Reset Controller	U4	LM8365BALMF27/NOPBCT-ND	LM8365BALMF27/NOPBCT-ND	1
MAX1555EZK+TCT-ND	LiPo Charger	U5	MAX1555EZK+TCT-ND	MAX1555EZK+TCT-ND	1
887-1592-ND	16.9344 Mhz Crystal	X1	887-1592-ND	887-1592-ND	1