



Title		
Size	Number	Revision
A		
Date:	11/13/2016	Sheet of
File:	C:\Users\...\Sheet2.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap Pol1	Polarized Capacitor (Radial)	C1, C2, C3, C4, C5, C6, C7, C8	RAD-0.1	Cap Pol1	8
Diode 1N4148	High Conductance Fast Diode	D1	DO-35	Diode 1N4148	1
Phonejack2	Jack Socket, 1/4" [6.5mm], Thru-Hole, Vertical, 2-Conductor Open Circuit	J1, J2	JACK/6-V2	Phonejack2	2
Header 2	Header, 2-Pin	Knob Depth1, Knob Speed1	HDR1X2	Header 2	2
Digital Arduino	Header, 15-Pin	P1	HDR1X15	Header 15	1
MIDI	Header, 3-Pin	P2	HDR1X3	Header 3	1
Header 10X2	Header, 10-Pin, Dual row	P3	HDR2X10	Header 10X2	1
Analog Arduino	Header, 15-Pin	P4	HDR1X15	Header 15	1
Res1	Resistor	R1, R2, R3, R5, R6, R8, R10, R11, R12, R13, R15, R16, R17	AXIAL-0.3	Res1	13
RPot	Potentiometer	R4, R7, R9, R14	VR5	RPot	4
NE5532P	Dual Low-Noise Operational Amplifier	U1, U3	P008	NE5532P	2
LM13700N	Dual Operational Transconductance Amplifier with Linearizing Diodes and Buffers, 16-pin MDIP	U2	N16E	LM13700N	1
6N138	Optocoupler, Phototran	U4	DIP8	ILD74	1