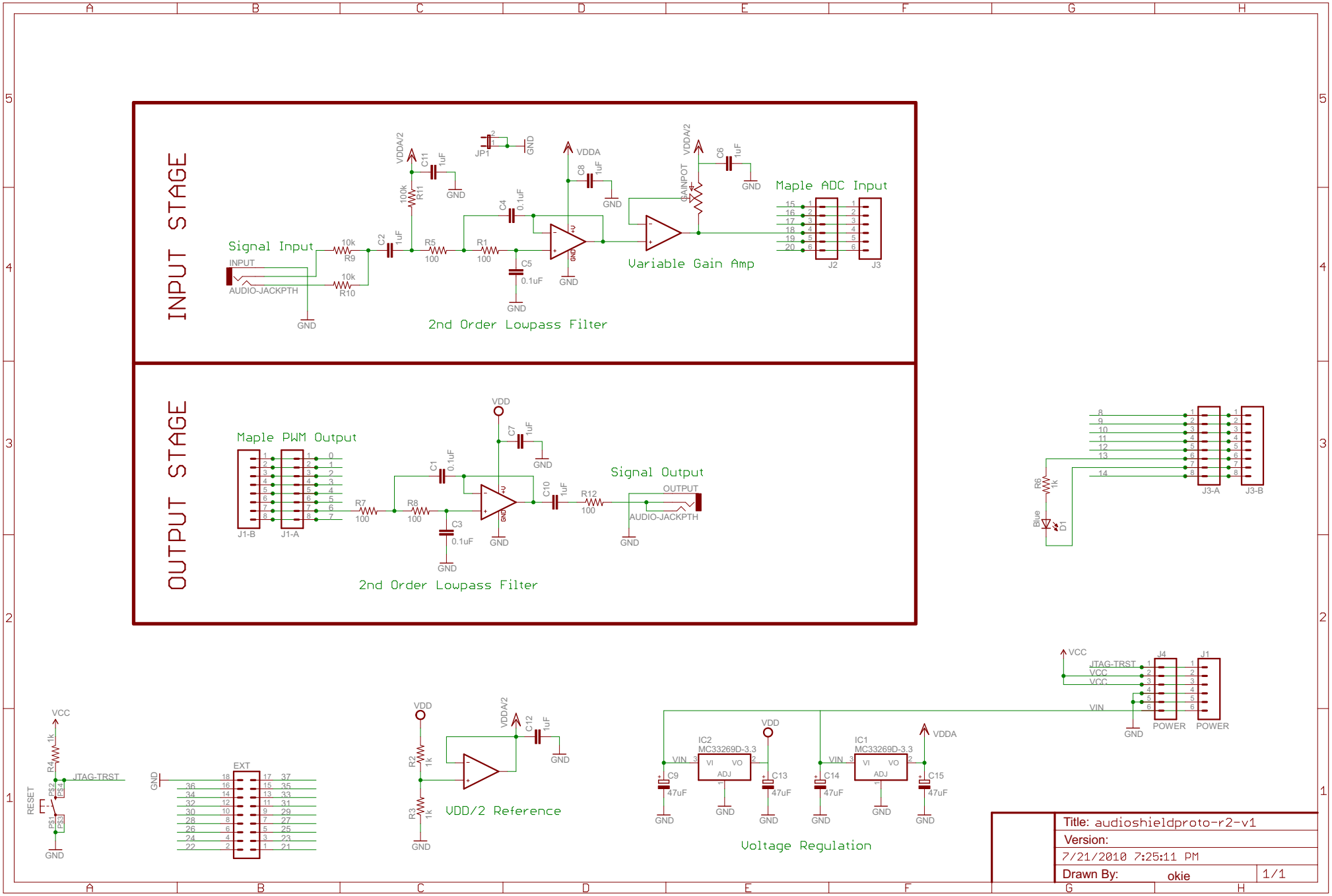
INPUT STAGE
Signal Input
INPUT
AUDIO-JACKPTH
10k
R9
10k
R10
C2
1uF
VDDA/2
C11
1uF
100k
R11
R5
100
R1
100
C4
0.1uF
C5
0.1uF
JP1
VDDA
C8
1uF
GAINPOT
VDDA/2
C6
1uF
Variable Gain Amp
Maple ADC Input
J2
J3
2nd Order Lowpass Filter
OUTPUT STAGE
Maple PWM Output
J1-B
J1-A
VDD
C7
1uF
C1
0.1uF
R7
100
R8
100
C3
0.1uF
C10
1uF
R12
100
Signal Output
OUTPUT
AUDIO-JACKPTH
2nd Order Lowpass Filter
R6
1k
Blue
D1
J3-A
J3-B
VCC
R4
1k
JTAG-TRST
RESET
PS1
PS2
PS3
EXT
VDD
R2
1k
R3
1k
VDDA/2
C12
1uF
VDD/2 Reference
IC2
MC33269D-3.3
IC1
MC33269D-3.3
VI
VO
ADJ
VIN
C9
47uF
C13
47uF
C14
47uF
C15
47uF
VDDA
Voltage Regulation
JTAG-TRST
VCC
VIN
J4
J1
POWER
POWER
GND
Title: audioshieldproto-r2-v1
Version:
7/21/2010 7:25:11 PM
Drawn By: okie
1/1