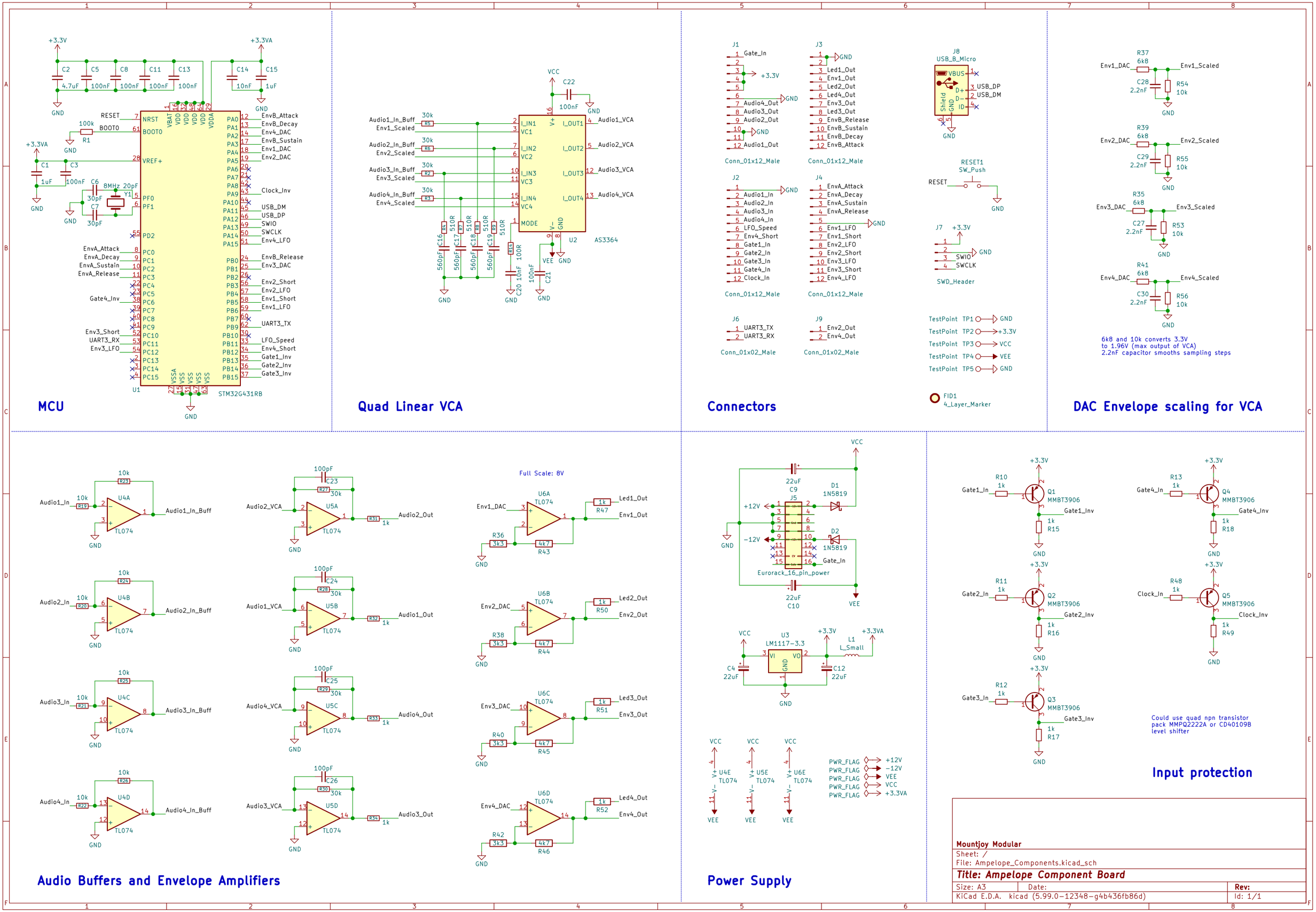
MCU
STM32G431RB
U1
Quad Linear VCA
AS3364
U2
Connectors
J1
J2
J3
J4
J6
J7
J8
J9
USB_B_Micro
SWD_Header
RESET1
SW_Push
FID1
4_Layer_Marker
DAC Envelope scaling for VCA
6k8 and 10k converts 3.3V to 1.96V (max output of VCA)
2.2nF capacitor smooths sampling steps
Audio Buffers and Envelope Amplifiers
Full Scale: 8V
Power Supply
Euroracks_16_pin_power
LM1117-3.3
Input protection
Could use quad npn transistor pack MMPQ2222A or CD40109B level shifter
Mountjoy Modular
Sheet: /
File: Ampelope_Components.kicad_sch
Title: Ampelope Component Board
Size: A3
Date:
Rev:
KiCad E.D.A. kicad (5.99.0-12348-g4b436fb86d)
Id: 1/1