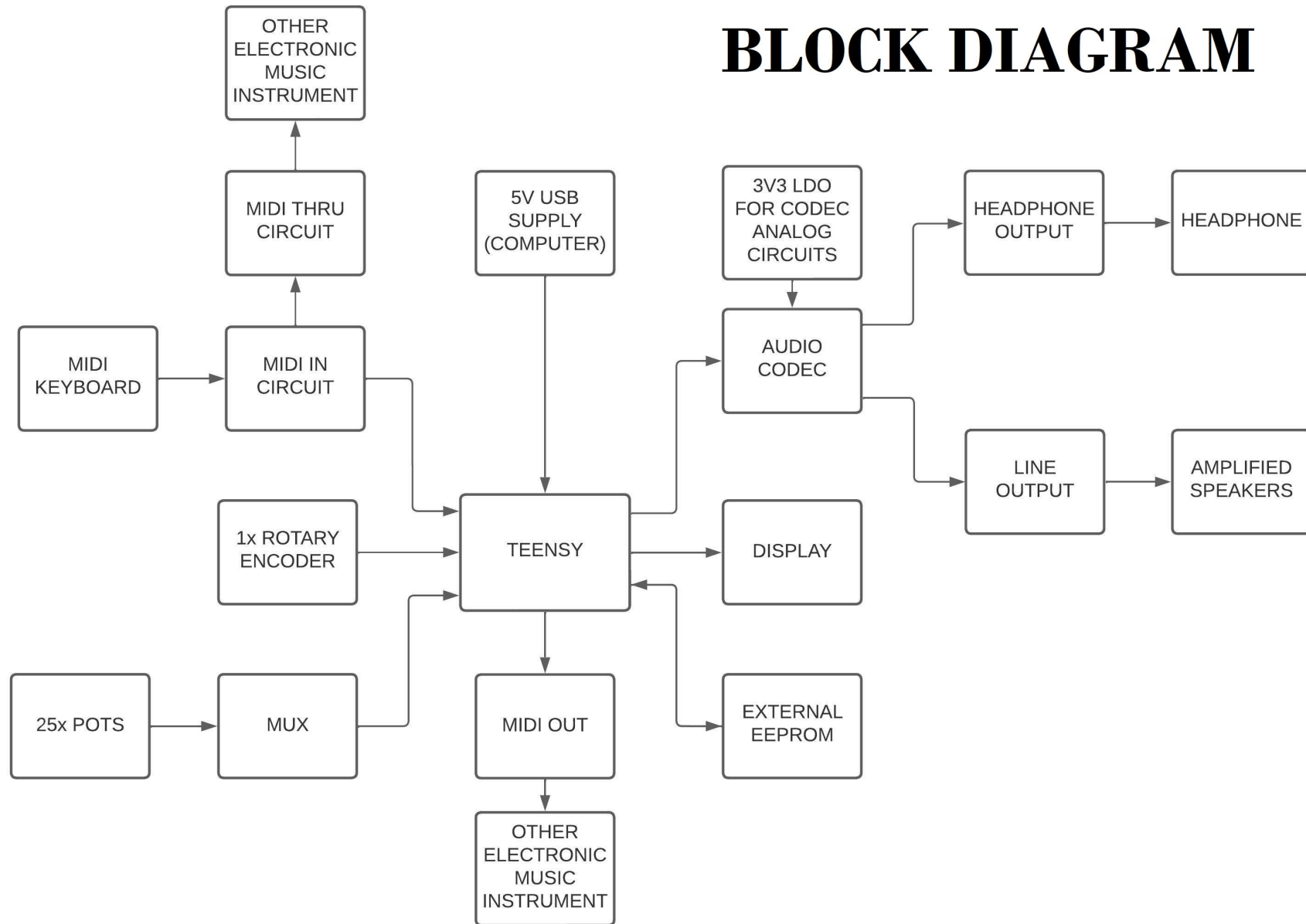


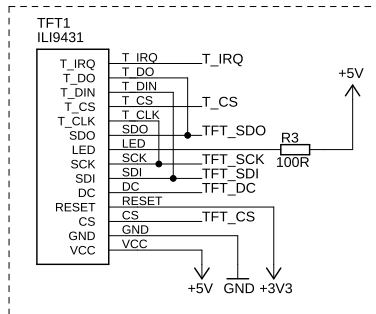
BLOCK DIAGRAM



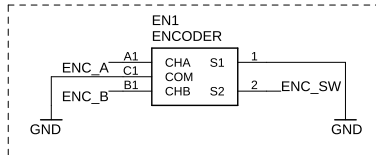
open source
hardware

JOEL UCEDO	
X24_T4X_WM8731_V1	
16/08/2022 06:52	
Sheet: 1/4	

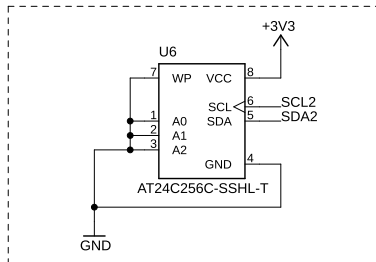
TFT LCD SCREEN



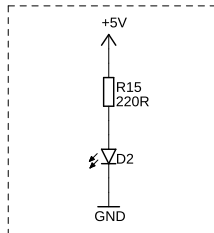
ROTARY ENCODER



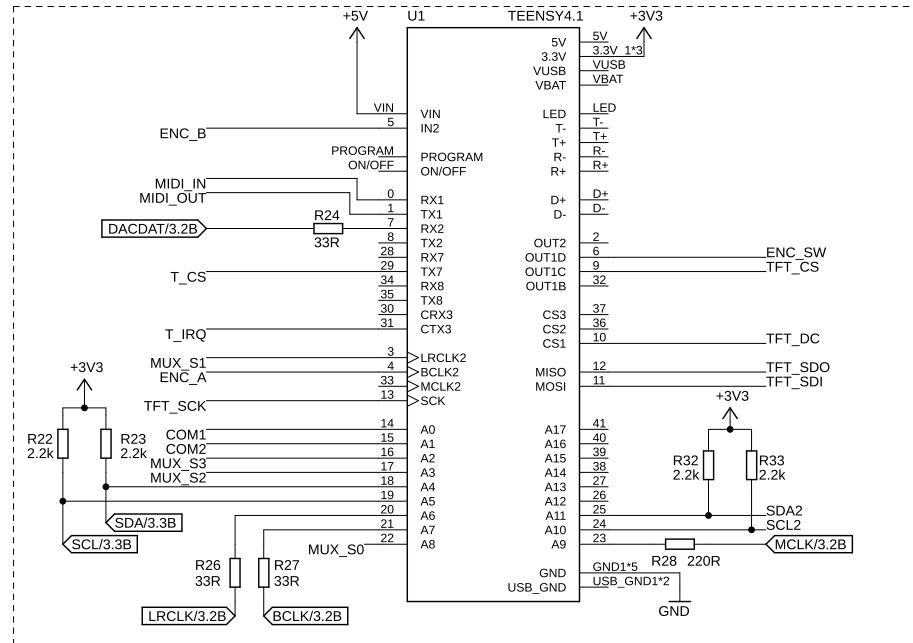
EEPROM 256KBit



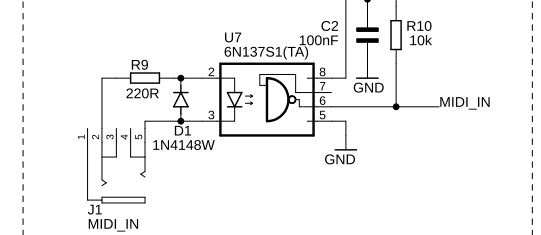
POWER LED



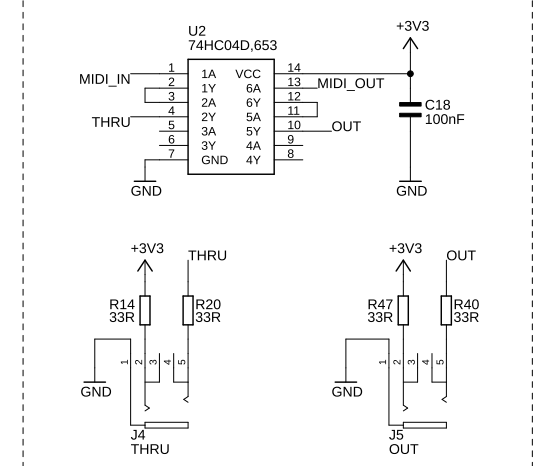
TEENSY 4.1



MIDI IN

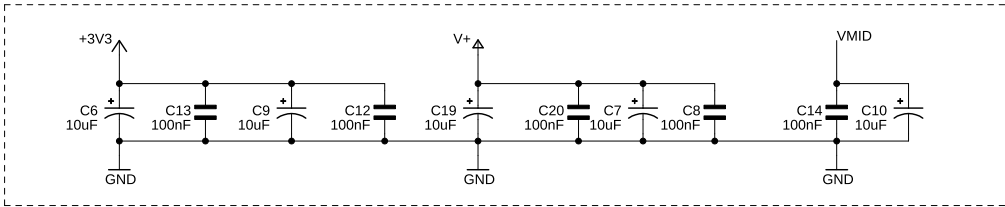


MIDI THRU & OUT

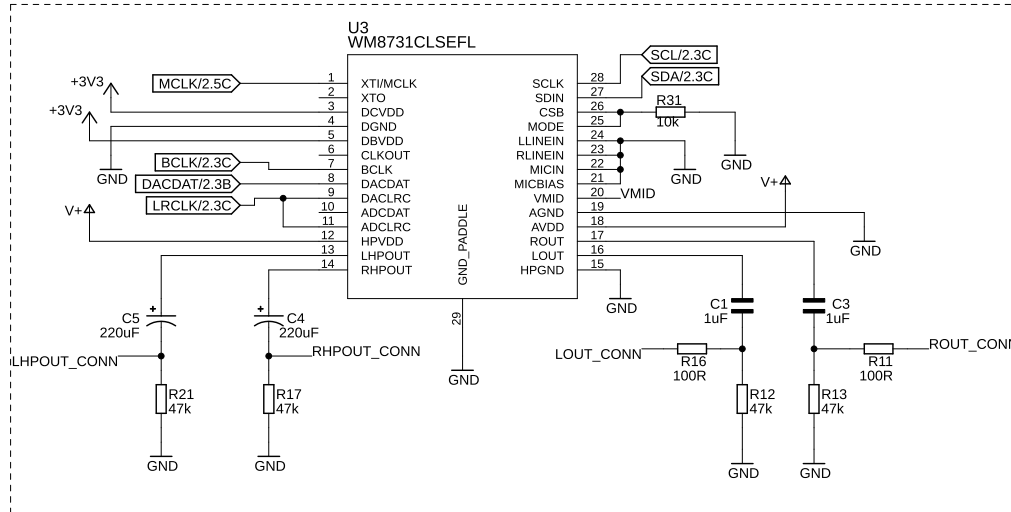


WM8731 CODEC DECOUPLING CAPACITORS

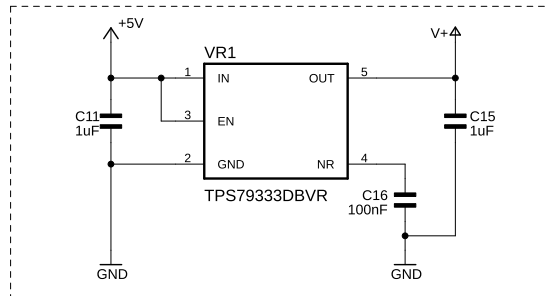
MOUNTING HOLES



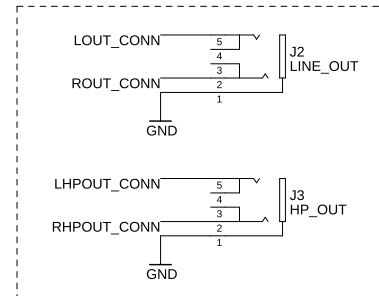
WM8731 CODEC



CODEC ANALOG SUPPLY



AUDIO OUT CONN

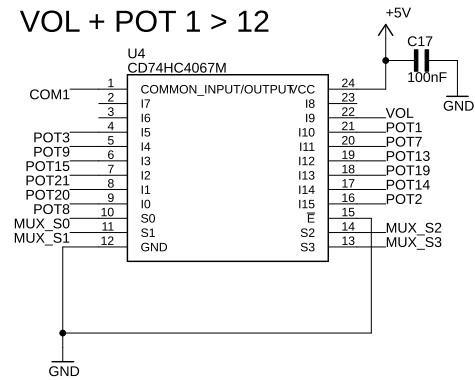


NOTES

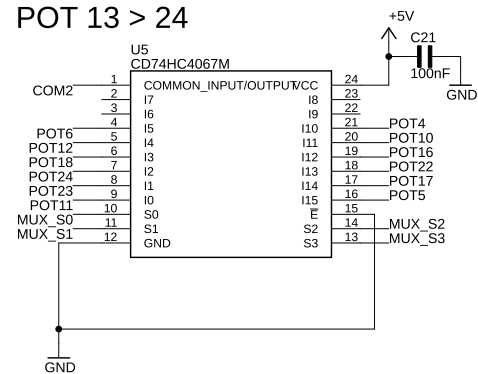
"V+" IS 3V3 LDO OUTPUT FOR CODEC ANALOG CIRCUIT ONLY

MULTIPLEXERS

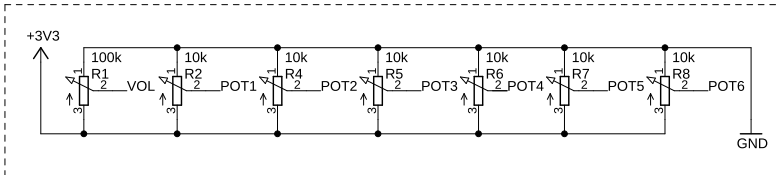
VOL + POT 1 > 12



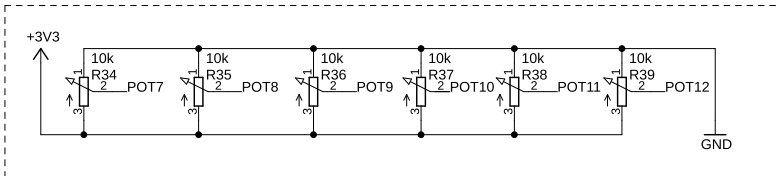
POT 13 > 24



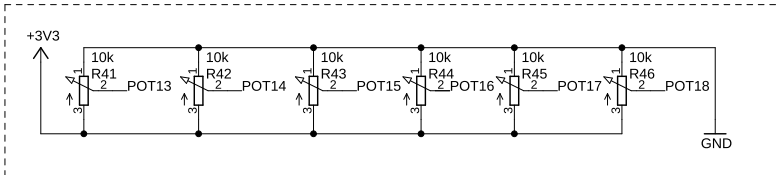
POTENTIOMETERS VOL + RAW1



POTENTIOMETERS RAW2



POTENTIOMETERS RAW3



POTENTIOMETERS RAW4

