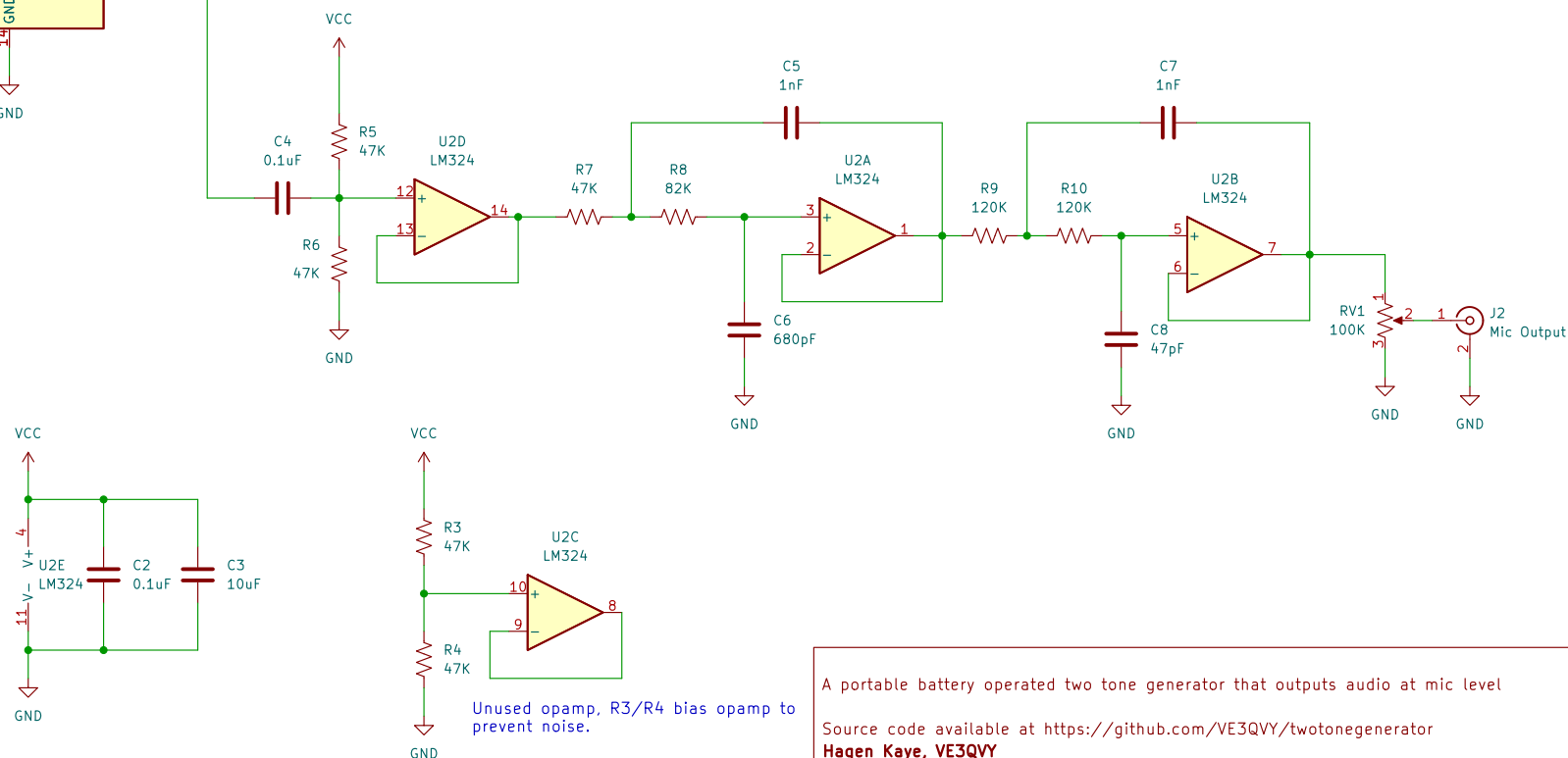


Notes:

- Battery operated with 3 AA batteries
- U1 is ATtiny1614 or similar Arduino compatible microcontroller
- source code written with Arduino IDE to make substitution easy
- 128x96 LCD with I2C interface
- J1 used to program ATtiny1614 with Atmel ICE programmer or similar
- U2 is a Sallen-Key 4Khz low pass filter – unity gain (1V p-p)
- U2 can be any low noise Quad Op amp (I used LMC6484) LM324 shown as example, but there are better op amps available today
- output is a simple resistor attenuator to set output level at mic



A portable battery operated two tone generator that outputs audio at mic level

Source code available at <https://github.com/VE3QVY/twotonegenerator>

Hagen Kaye, VE3QVY

Sheet: /

File: twotonegenerator.kicad_sch

Title: Simple Two Tone Generator

Size: A4 Date: 2024-01-06

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