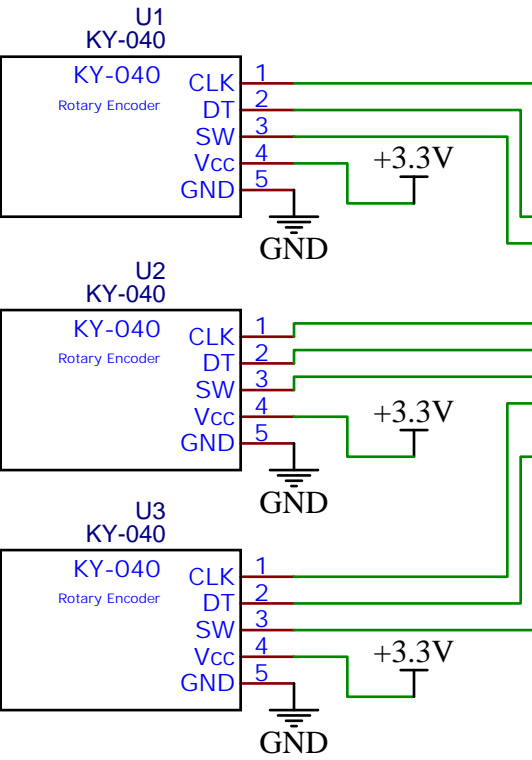
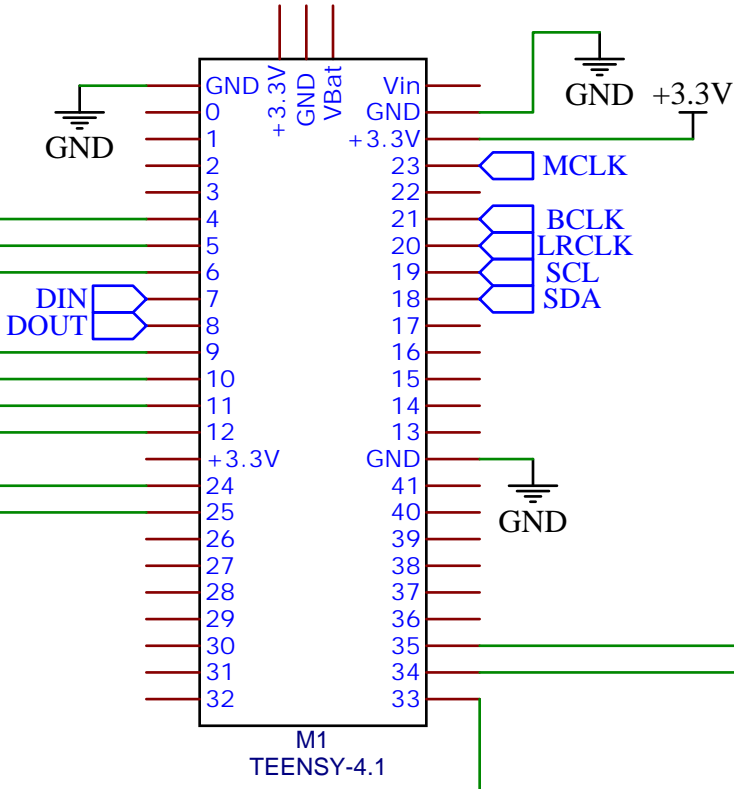


Rotary Encoders
Used to control strength of audio effects



Microcontroller (Teensy 4.1)
Processes audio signals



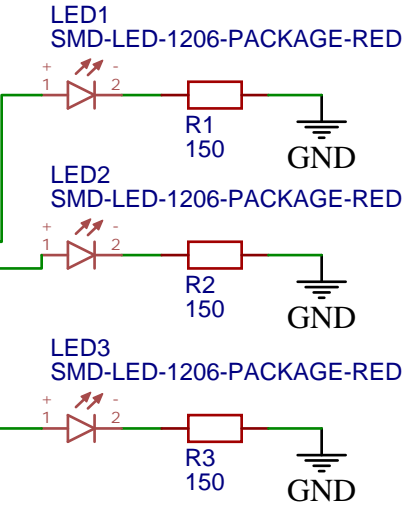
Power Note:

Teensy 4.1 is powered through USB from an external 5V power bank.
All components on this PCB are powered from the Teensy's 3.3V regulator.

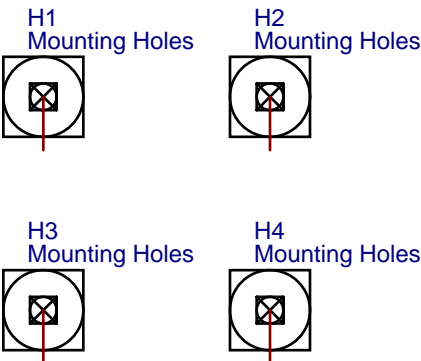
SCI/SDA Note:

The SCL and SDA pins use I2C and use the internal 2.2k pull up resistor from the 4.X Audio Shield

Indicator LEDs
Indicate if an audio effect is on.

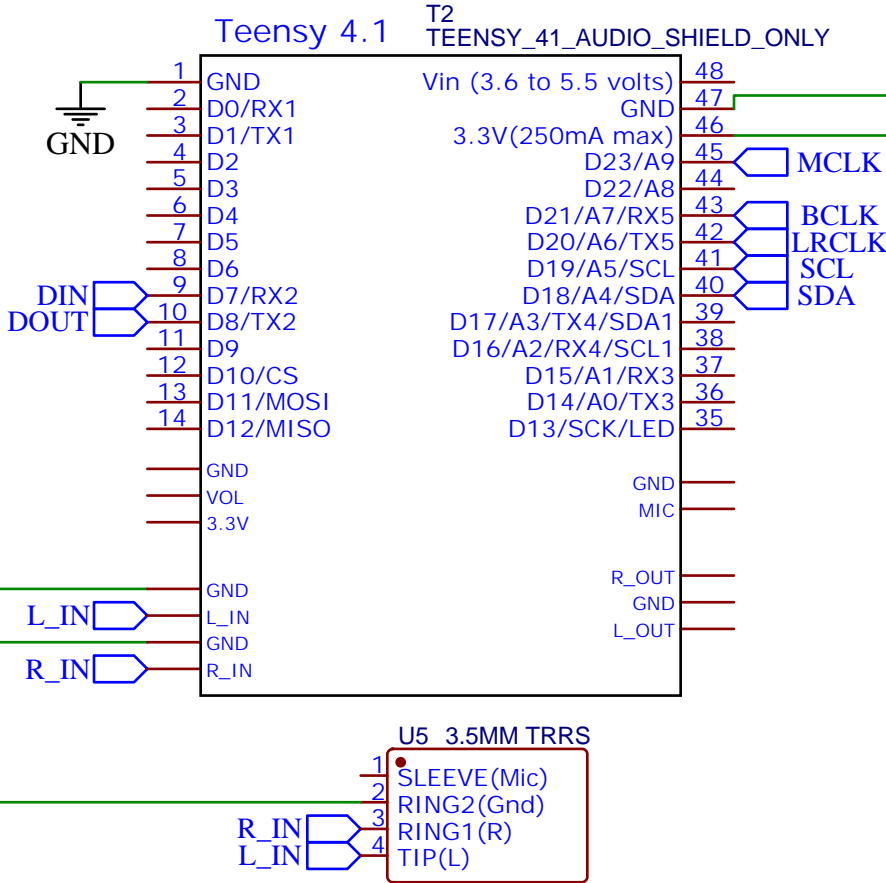


Mounting Holes



Teensy 4.x Audio Shield + 3MM Jack Input

Contains CODEC allowing DAC & ADC conversions. Audio goes in and back out through this system.



SCI/SDA Note:

The SCL and SDA pins use I2C and use the internal 2.2k pull up resistor from the 4.X Audio Shield

TITLE: Audio Effect Processor		REV: 1.3
Company: Circuit Syndicate		Sheet: 1/1
Date: 2025-11-20	Drawn By: Antonio Hernandez Olivares	