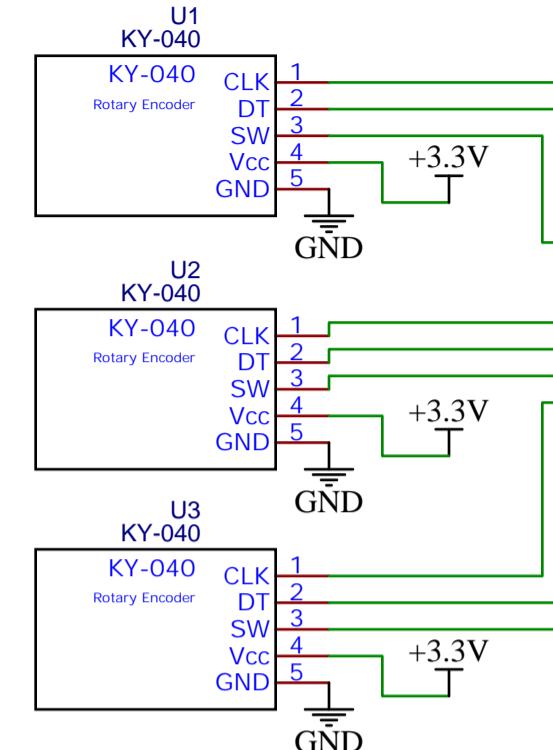
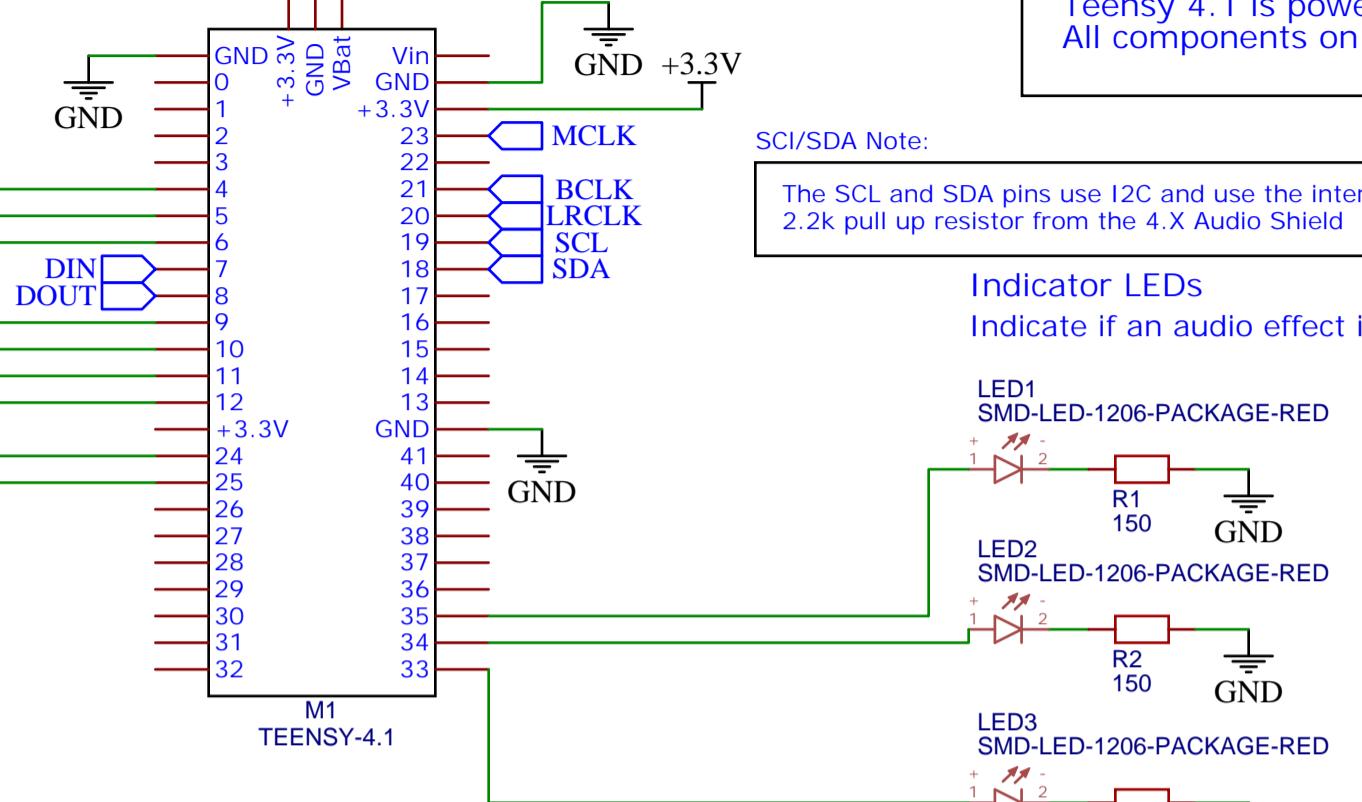


Rotary Encoders
Used to control strength of audio effects



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.

Indicator LEDs
Indicate if an audio effect is on.

LED1 SMD-LED-1206-PACKAGE-RED

LED2 SMD-LED-1206-PACKAGE-RED

LED3 SMD-LED-1206-PACKAGE-RED

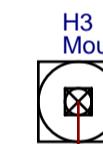
Mounting Holes



H1
Mounting Holes



H2
Mounting Holes



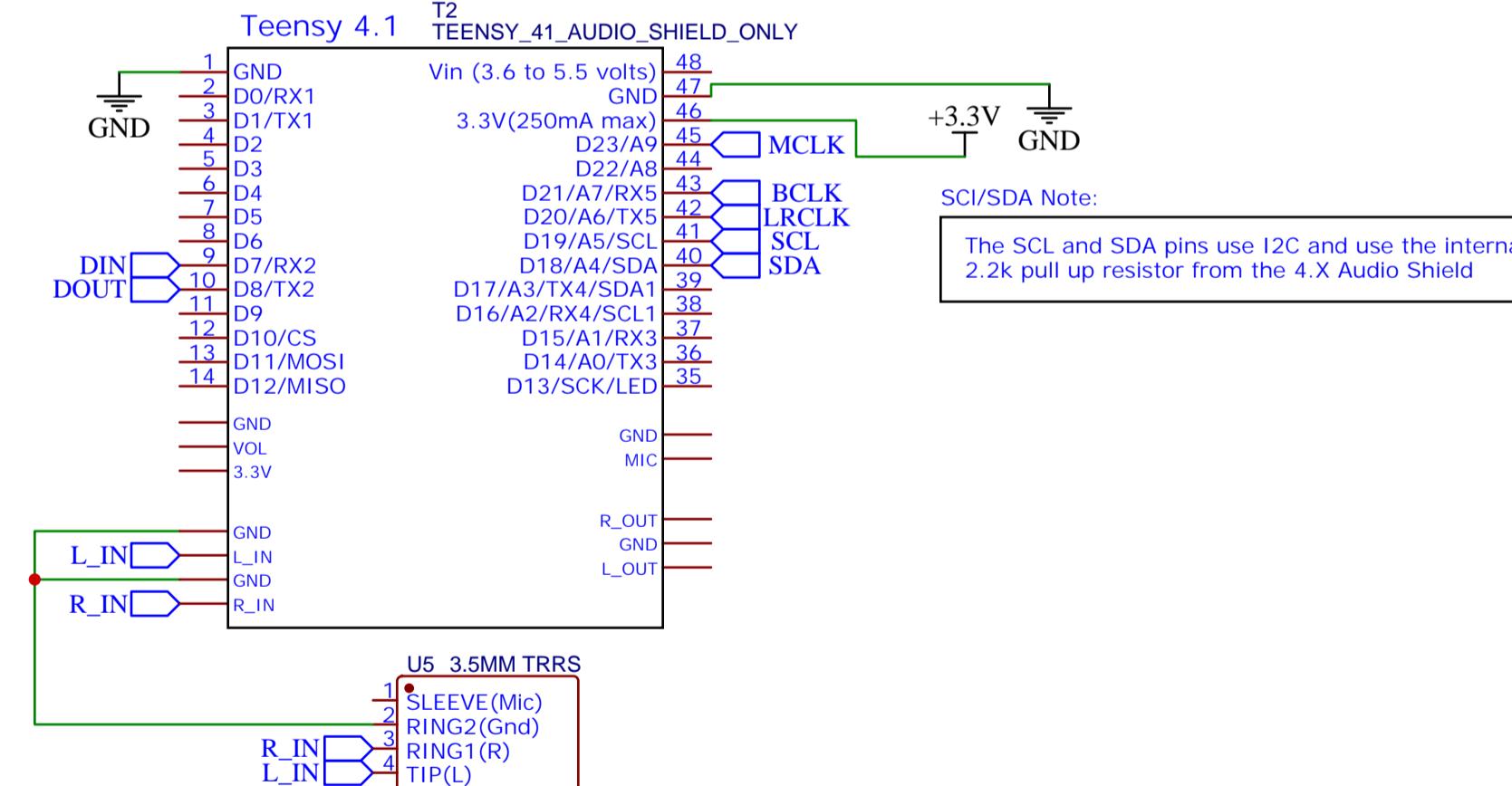
H3
Mounting Holes



H4
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.



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