

# Qwiic Haptic Driver - DA7280

ROB-17590

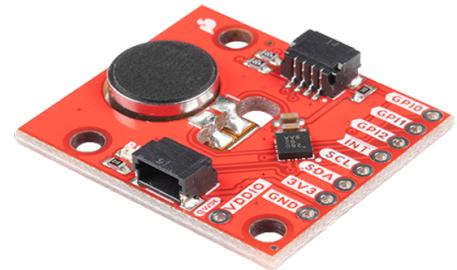
## Product Overview

09/26/2022

For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

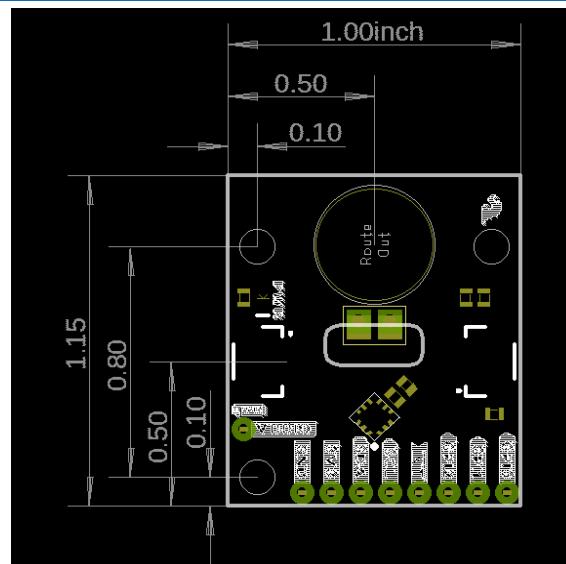
SparkFun Qwiic Haptic Driver - DA7280 includes a Linear Resonant Actuator (LRA) vibration motor and Dialog Semiconductor's DA7280 motor driver IC for applications that require haptic feedback. The vibration motor can be controlled with the DA7280 via I<sup>2</sup>C, PWM, or a combination of three general-purpose input pins. This device uses the handy Qwiic system, so no soldering is required to connect it to the rest of the system. However, 0.1"-spaced PTH pads are included in case a breadboard is preferred to access the driver's I<sup>2</sup>C, power, interrupt, and general-purpose input pins on the edge of the board. This board is ideal for projects that require a physical indicator whenever an event is triggered.



## Features

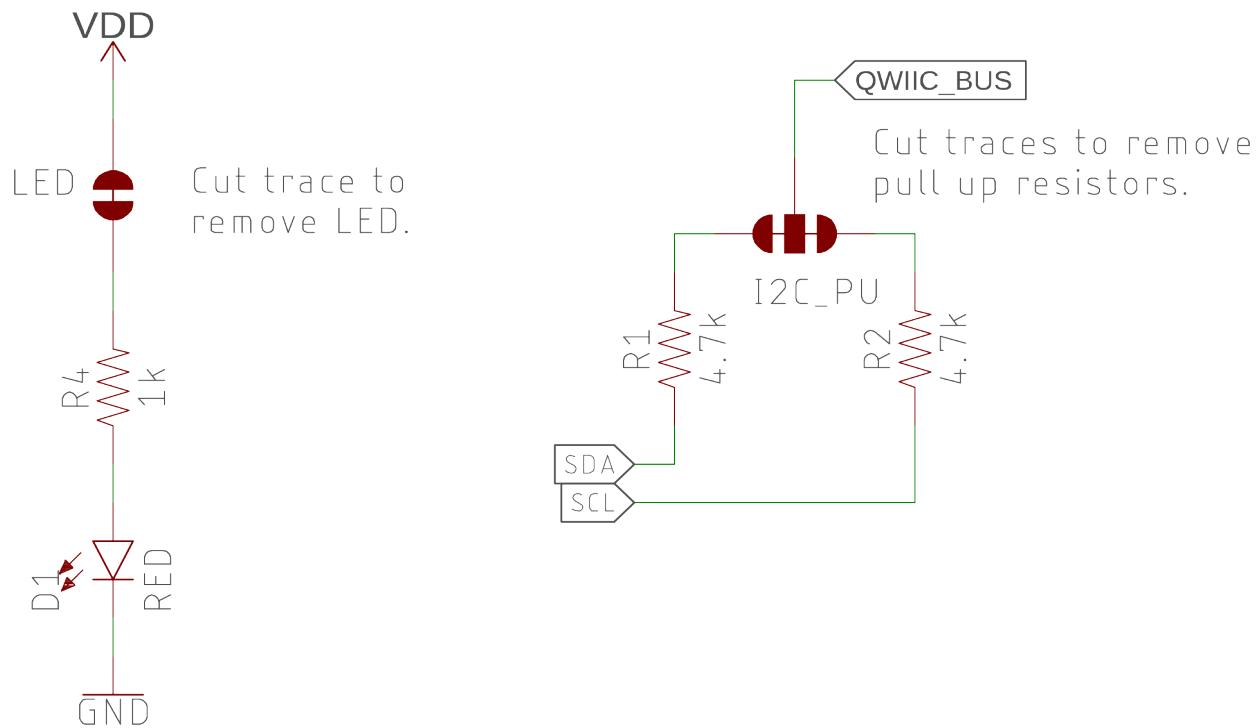
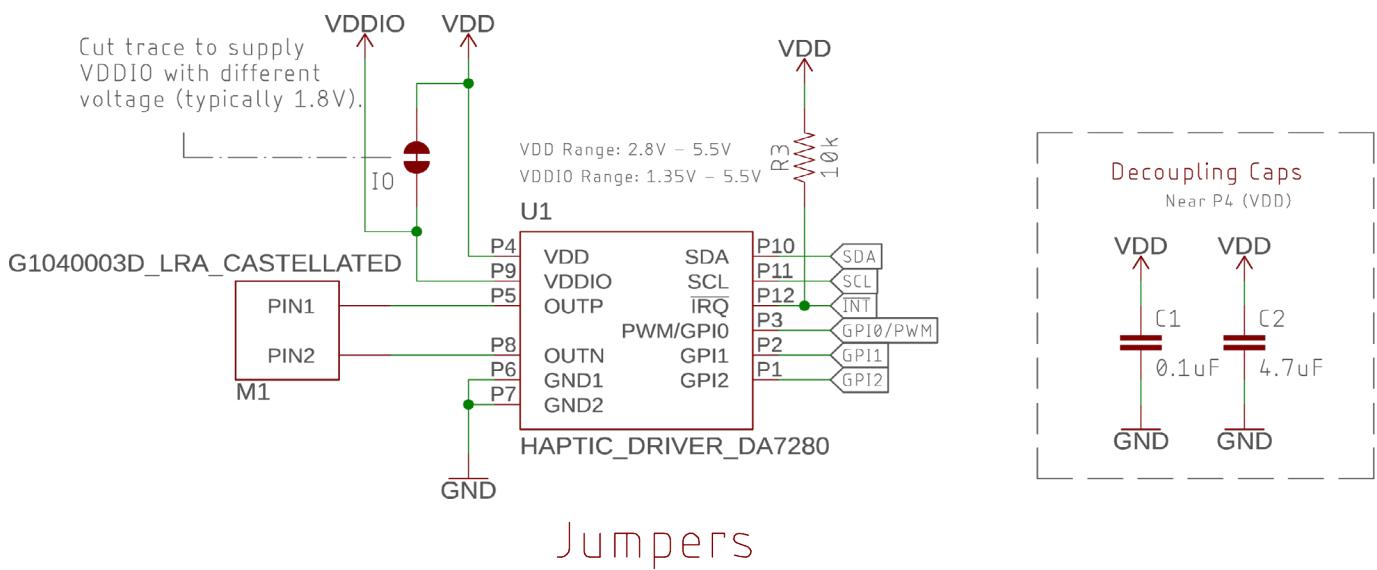
- 2x Qwiic connection ports
- 1x built-in LRA vibration motor

## Board Dimensions



## Schematic

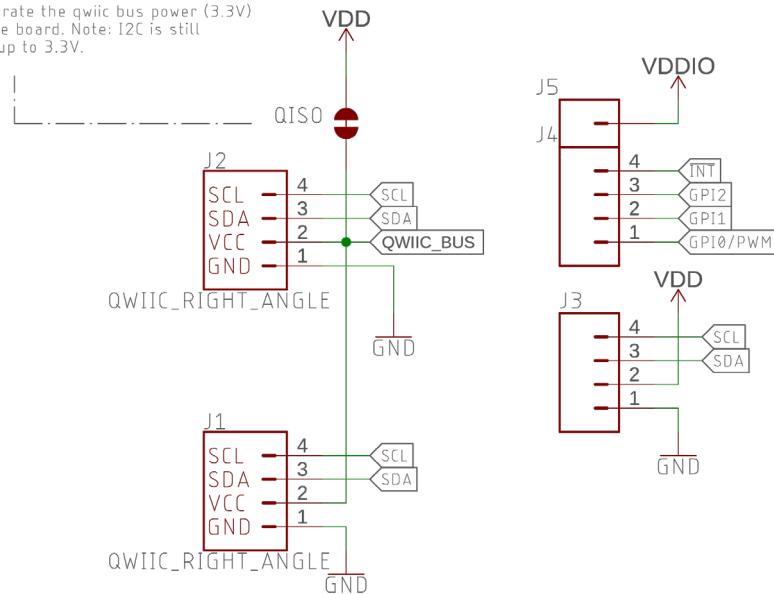
### Haptic Motor Driver and LRA Vibration Motor



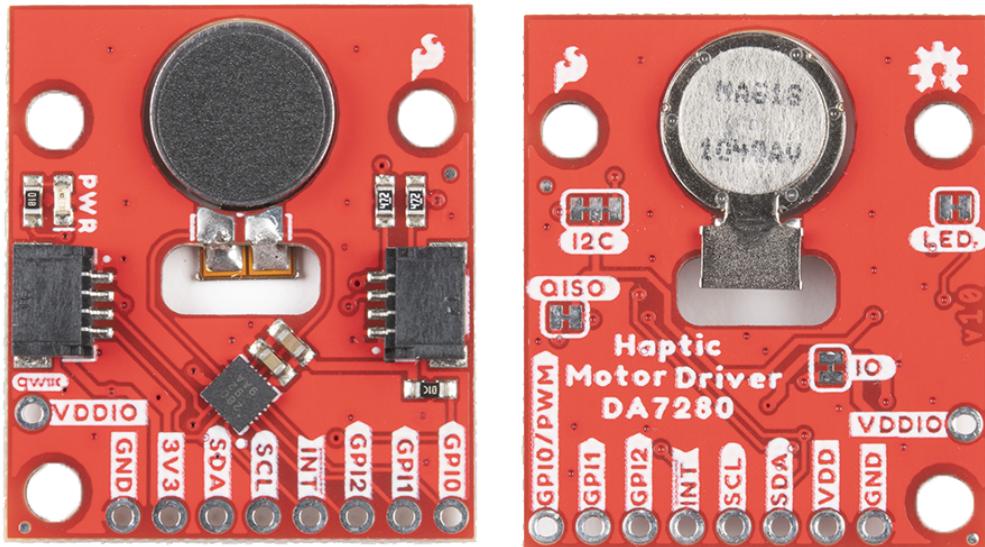
## Schematic

### Qwiic Connectors and Header

Qwiic Bus Isolate – cut this trace to separate the qwiic bus power (3.3V) from the board. Note: I2C is still pulled up to 3.3V.



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## Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/sparkfun/sparkfun-qwiic-haptic-driver/>