

# ROB-14538

## Haptic Motor Driver Evaluation Board

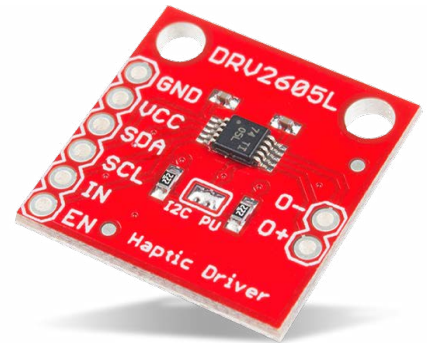
### Product Overview

11-19-2021

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

### Description

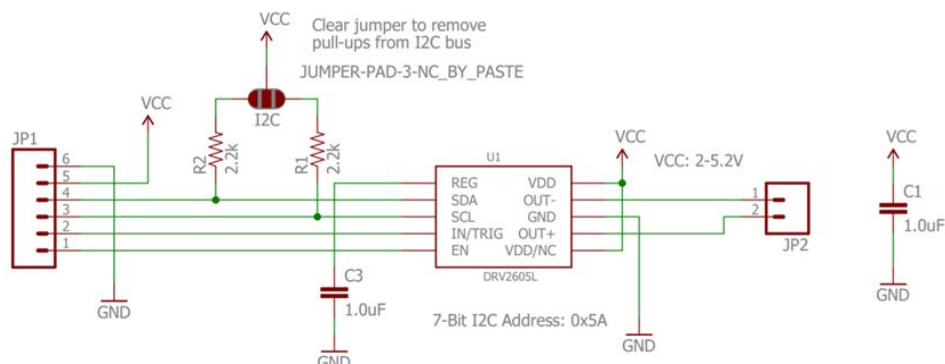
SparkFun Haptic Motor Driver Evaluation Board is designed to evaluate DRV2605L haptic driver using the breakout and an Arduino-compatible device. The DRV2605L device is a low-voltage haptic driver which includes a haptic-effect library and provides a closed-loop actuator-control system for high-quality. This haptic motor driver board includes six pins to provide power to the sensor and I<sup>2</sup>C bus. The motor driver board features hardware trigger input, built-in waveform sequencer and trigger, audio to vibrate, and PWM input with 0-100% duty-cycle control range.



### Features

- Flexible haptic and vibration driver for both ERM and LRA type motors
- I<sup>2</sup>C-controlled digital playback engine
- Audio to vibrate
- PWM input with 0–100% duty-cycle control range
- Hardware trigger input
- Built-in waveform sequencer and trigger

### Haptic Motor Driver Schematic



## Mouser Part Number

[View Part](#)

To learn more, visit <https://www.mouser.com/new/sparkfun/sparkfun-bob-16784-qwiic-mux-breakout/>