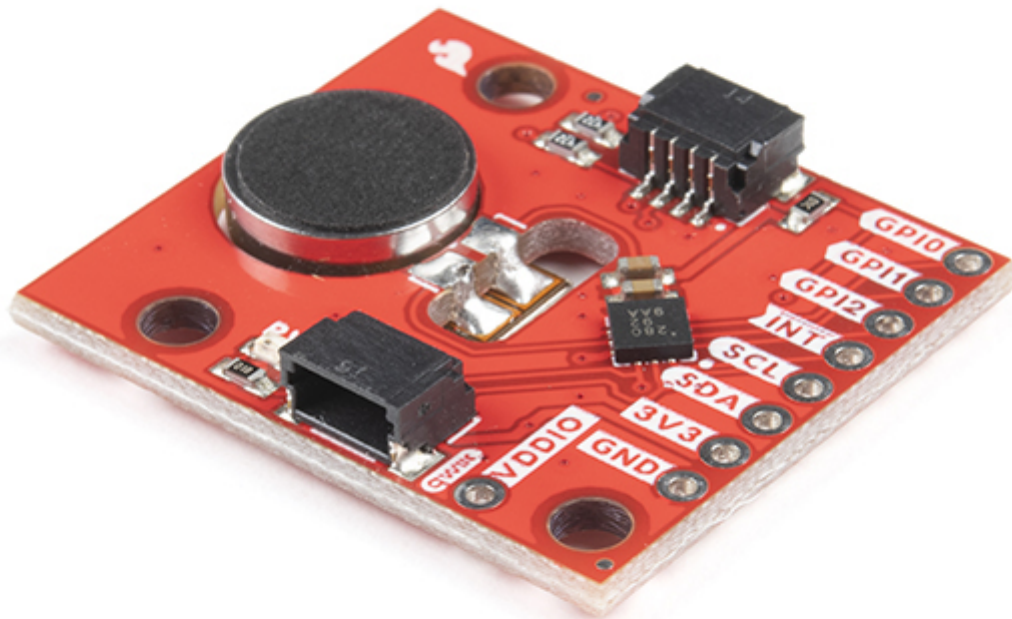# SparkFun Qwiic Haptic Driver - DA7280

The SparkFun Qwiic Haptic Driver includes an itty-bitty, Linear Resonant Actuator (LRA) vibration motor and Dialog Semiconductor's DA7280 motor driver IC for applications that require haptic feedback.

Control the vibration motor with the DA7280 via I²C, PWM, or a combination of three general purpose input pins. Utilizing our handy Qwiic system, no soldering is required to connect it to the rest of your system. However, we still include 0.1"-spaced PTH pads in case you prefer to use a breadboard to access the driver's I²C, power, interrupt, and general purpose input pins on the edge of the board.

This board is great for projects that require a physical indicator whenever an event is triggered. Add it to your remote control to notify you when your robot has hit a wall. Combine it with an accelerometer to remind you to correct your posture. Or use it with a distance sensor to alert you when a ninja is walking up to you at your desk.

The SparkFun Qwiic Connect System is an ecosystem of I²C sensors, actuators, shields and cables that make prototyping faster and less prone to error. All Qwiic-enabled boards use a common 1mm pitch, 4-pin JST connector. This reduces the amount of required PCB space, and polarized connections mean you can't hook it up wrong.

Get Started with the SparkFun Qwiic Haptic Driver Guide