NeuroStimDuino*
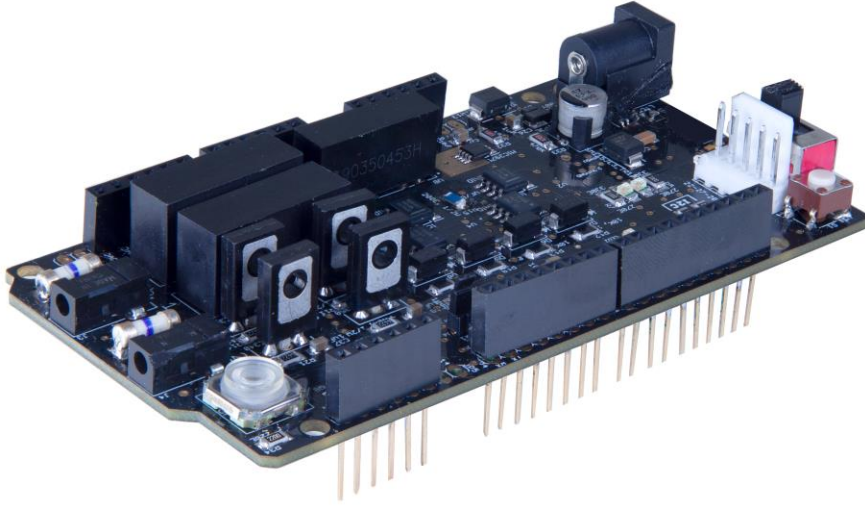
An open source neurostimulator for students, researchers, and hobbyists interested in neuroscience

Features:

➢ Dual channel, current output with programmable frequency (3-100Hz), pulse-width (0-2ms), & amplitude (0-20mA)

➢ Can be configured using Arduino IDE via I^{2}C interface. Stack multiple boards to output up to 222 channels

➢ On-board current sensor & LEDs to monitor output current

➢ Open-source: design files and software available on GitHub

Applications

➢ Motor Rehabilitation

➢ Neuromodulation

➢ Vagus Nerve Stimulation

➢ Sensory Feedback

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