

nextern[®] Neurostim Platform

A system designed to accelerate time to market for external wearable Neurostimulation Devices.



Building Block offerings:



CONNECTED DEVICES

iOS/Android patient apps,
clinician controller, Bluetooth
low energy v5.2 connected



PULSE GENERATOR

Optimized battery life, capable of driving
graphical user interfaces, supporting
transcutaneous/percutaneous
leads/electrodes



LEAD/ELECTRODE

Fully configurable
waveforms/programs with
up to 8 programmable
current channels



ABOUT NEXSTIM

Parameter	Channels
Channels	Up to 8 independent programmable current channels
Compliance	Up to 75V
Amplitude Range	Configurable: 50uA to 100mA
Frequency	Up to 10kHz, less than 200Hz requires active charge balancing
Wireless	Bluetooth Low Energy v5.2
Pulse Width	Configurable: minimum of 100us for 8 channels
Waveform	Bi-phasic, symmetric or asymmetric
Programs	Ramping, Burst, Parameter sequences, Timing