Bill Of Materials – EMG Muscle Sensor BoosterPack v2.0

Qnty \* Value Device Package Description MF MPN

3 \* 0.01uf C-USC0805 C0805 CAPACITOR, American symbol

4 \* 1uf C-USC0805 C0805 CAPACITOR, American symbol

4 \* 75V DIODESOD SOD-323 Diode

2 \* TL084D SO14 OP AMP

1 \* INA2126U SO16 Instrumentation Amplifier Micropower, Single and Dual Versions TEXAS INSTRUMENT CONNECTORS INA2126U 1459464 74C9839

4 \* 80.6k R-US\_R0805 R0805 RESISTOR, American symbol

2 \* 1k R-US\_R0805 R0805 RESISTOR, American symbol

2 \* 1.1k R-US\_R0805 R0805 RESISTOR, American symbol

2 \* 50k TRIM\_US-B25P B25P POTENTIOMETER

2 \* 390 R-US\_R0805 R0805 RESISTOR, American symbol

10 \* 150k R-US\_R0805 R0805 RESISTOR, American symbol

2 \* FE10-2 FEMALE HEADER (Preferably Female and Male Stackable)

1 \* MMBZ27VCLT1 SOT23-3 40W Zener-diode transient voltage suppressor (ESD protection)

2 \* CONN AUDIO JACK 3.5mm STEREO SMD SJ-352x-SMT-TR

Digikey part Number CONN AUDIO JACK : **CP-3523SJCT-ND**