

I. BILL OF MATERIALS

TABLE I

BILL OF MATERIALS FOR INTSY BIOAMPLIFIER MODULE. PRICES DO
NOT INCLUDE TAX OR SHIPPING.

Item	Vendor (part #)	Cost (USD)
RHD2132 amplifier board	Intan Tech (C3314)	895 per 32 chan amp board
SPI cable adapter board	Intan Tech (C3430)	98 per amp board
36 pin electrode adapter board	Intan Tech (C3420)	190 per amp board
Teensy 3.2 microcontroller	Adafruit (2756)	20
RN-42 Bluetooth module Silver mate	Sparkfun (WRL-12576)	25
TI LVDS-CMOS driver/receiver SN65LVDT41	Mouser (595-SN65LVDT41PW)	8
Schmartboard 0.65mm SOIC to DIP adapter	Mouser (872-204-0006-01)	6
Male and Female 0.1" pitch headers	Adafruit (3009; 3008)	5
Bypass capacitors, 2 x 0.1 uF, 2 x 1 nF	Mouser (80-C320C104K5R; 75-564R60GAD10)	1
JST LiPo battery connector	Sparkfun (PRT-08613)	1
LiPO battery (3.7 V; 1200 mAh)	Adafruit (258)	10
USB isolator	Adafruit (2107)	35
Custom PCB	Scead Studio	10
TOTAL		1304 (32 chan)/2487 (64 chan)