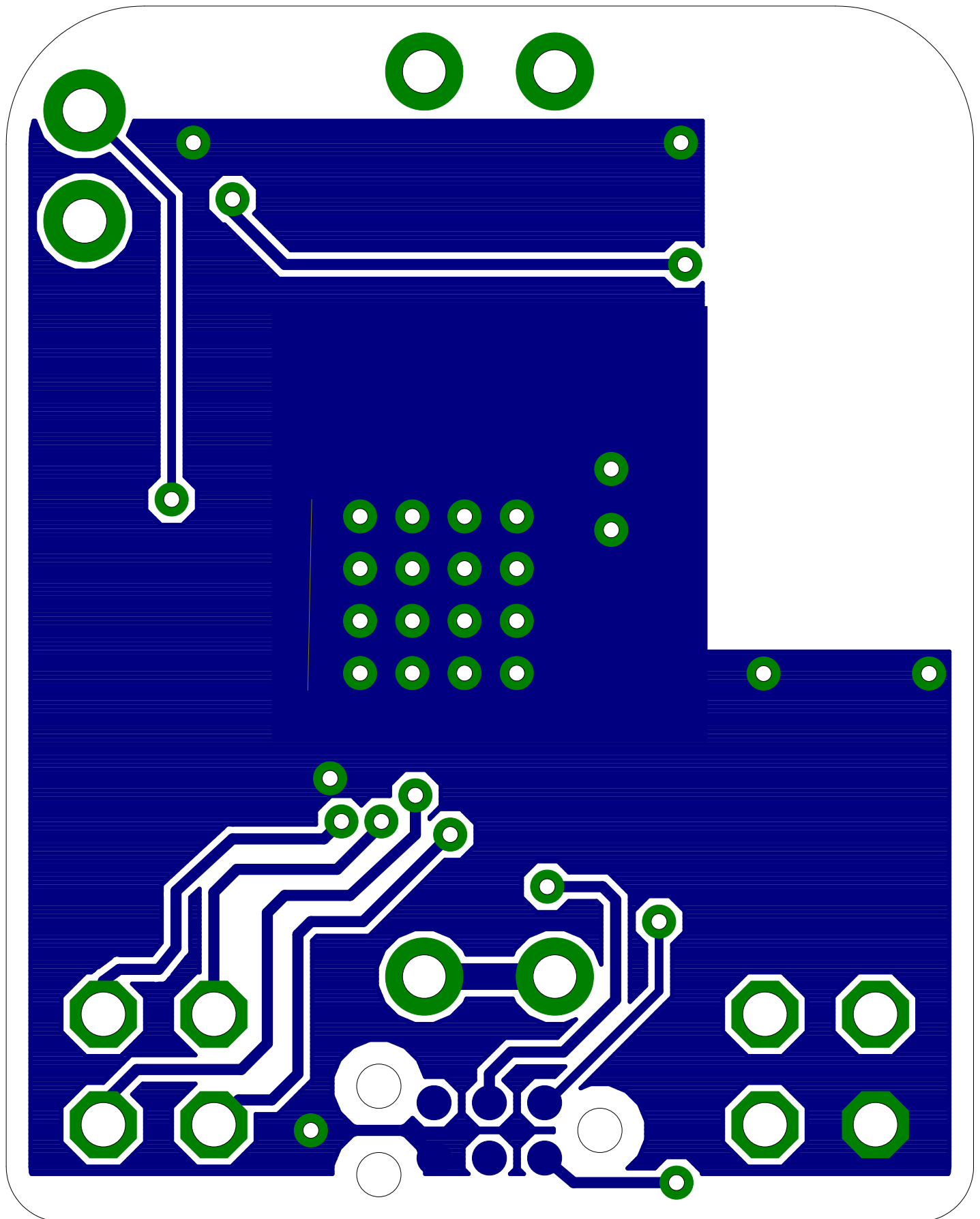
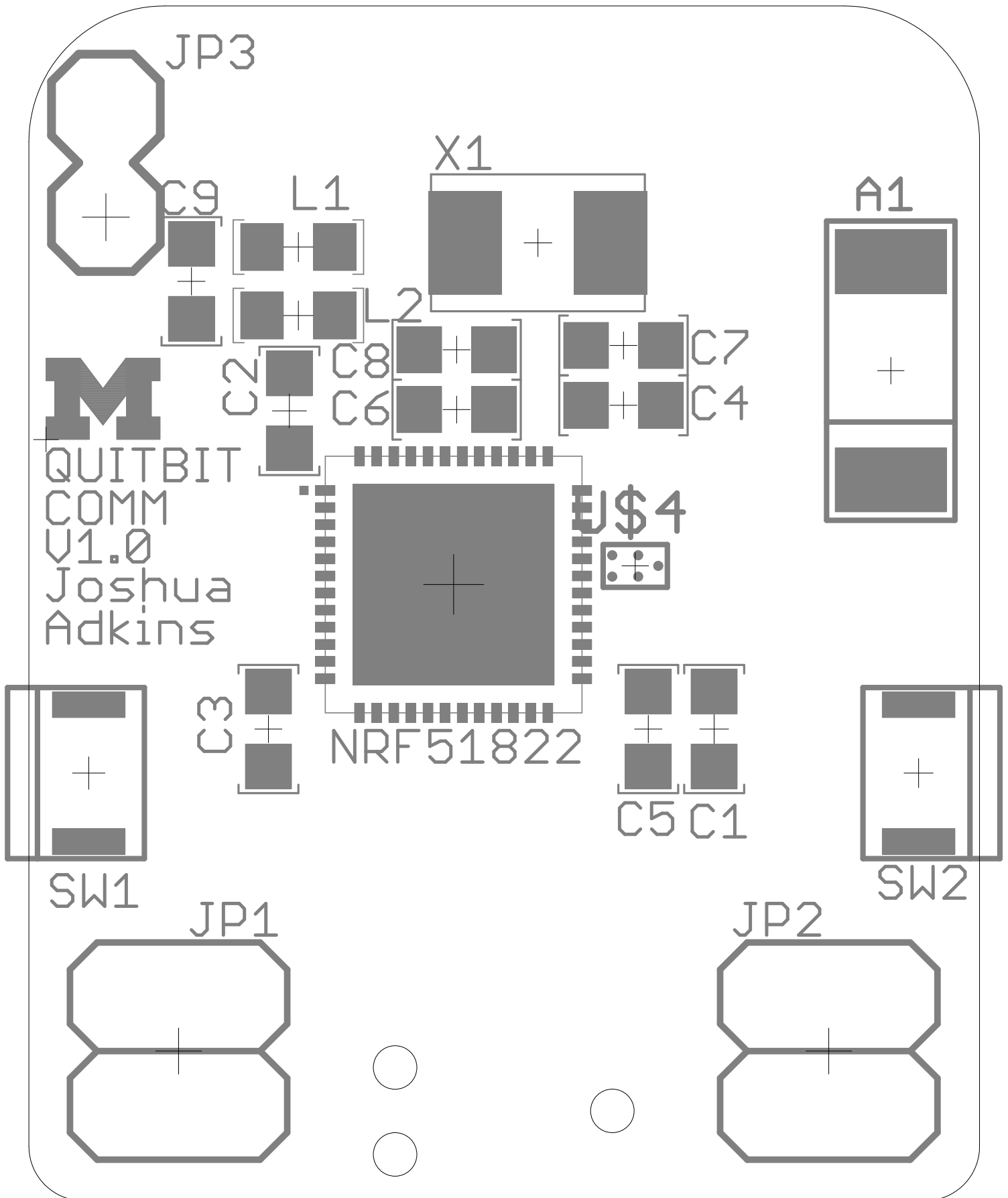
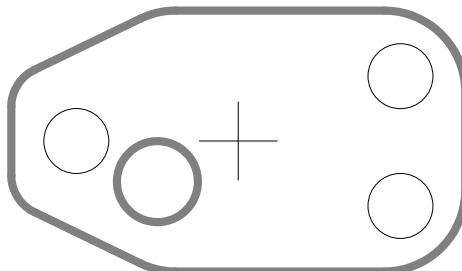
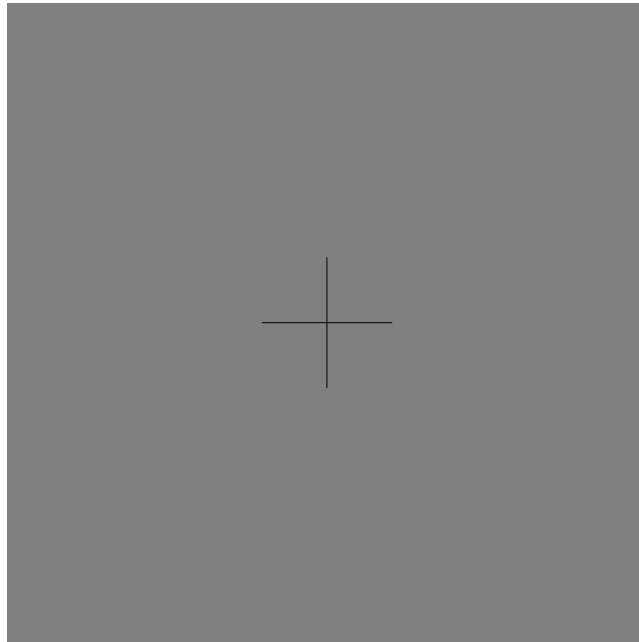


Bottom Copper Layer

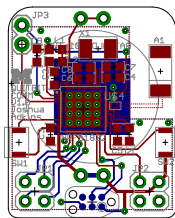




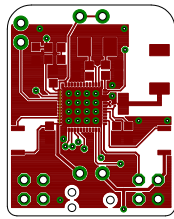
BAT-HLD-001-THM



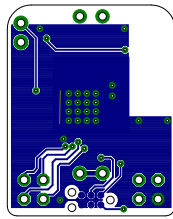
Top and Bottom Layers 1:1 Scale



Top Layer 1:1 Scale



Bottom Copper Layer 1:1 Scale



Qty	Value	Device	Package	Parts
1	FRACTUS-2	FRACTUS-2.4GHZ-FR	FRACTUS-ANTENNA-FRCA1	
1	2.2nF	C-EUC0603K	C0603K	C1
1	4.7uF	C-EUC0603K	C0603K	C2
2	100nF	C-EUC0603K	C0603K	C3, C6
1	1nF	C-EUC0603K	C0603K	C4
1	47nF	C-EUC0603K	C0603K	C5
2	12pF	C-EUC0603K	C0603K	C7, C8
1	1uF	C-EUC0603K	C0603K	C9
1	TC2030-CT	TC2030-CTX-NL	TC2030-IDC-NL	J1
2		PINHD-2X2	2X02	JP1, JP2
1	M02PTH	M02PTH	1X02	JP3
1	15nH	L-0603	R0603	L1
1	10uH	L-0603	R0603	L2
1	UMICH_SCUMICH_SOLID_SMA	UMICH_SOLID_75MIL		LOGO1
1	NRF51822	NRF51822	QFN48	NRF51822
2		B3U-3000P	B3U-3000P	SW1, SW2
1	3V3	TBAT	TCLIP	U\$3
1	BAL-NRF01	BAL-NRF01D3	BAL-NRF01D3	U\$4
1	16MHz	TXC7A16	2SMD	X1

Description

DIGIKEY

Fractus Compact Reach Xtend™ chip antenna is engineered specifically for Bluetooth,

CAPACITOR, European symbol

CAPACITOR, European symbol

CAPACITOR, European symbol

CAPACITOR, European symbol

CAPACITOR, European symbol

CAPACITOR, European symbol

CAPACITOR, European symbol

Tag Connect footprint for ARM JTAG.

PIN HEADER

Standard 2-pin 0.1 header. Use with"

SMD right angle push button SPST

50 ohm nominal input / conjugate match balun to nRF51422-QFAA,

497-13637

MOUSER RICHARDSON_RFPD
FR05-S1-N-0102B

511-BAL-NRF01D3