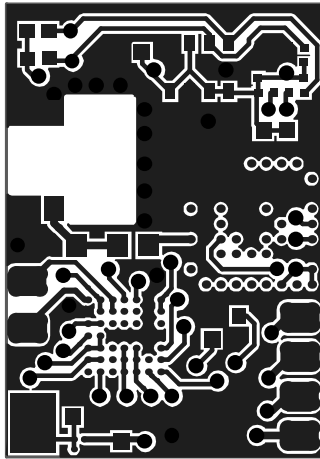
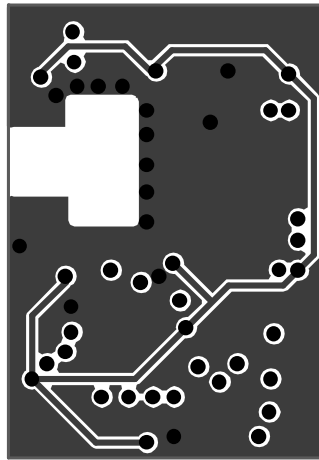


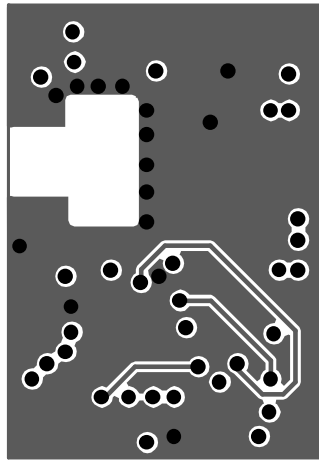
Top Layer - readable from top



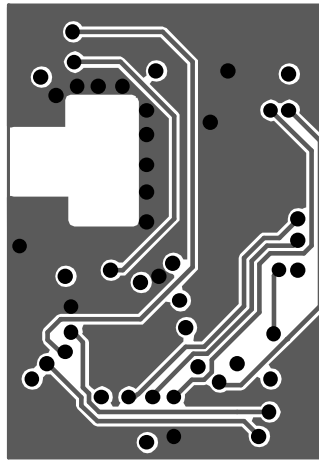
Middle Layer 1 - readable from top



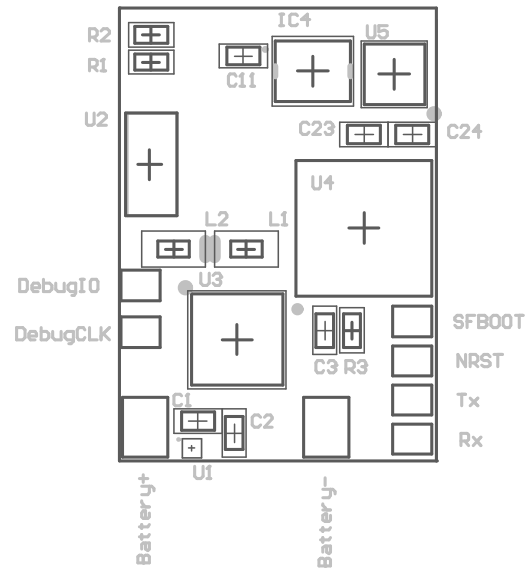
Middle Layer 2 - readable from top



Bottom Layer - readable from top



Assembly Top



Component list

BOM_PartType For Variant [WithoutRFMatching] of Project [BatGPSTracker.PrjPcb]

Source Data From:

Project:

Variant:

Revision:

BatGPSTracker.PrjPcb

BatGPSTracker.PrjPcb

WithoutRFMatching

1

Report Date:

4. 3. 2019

11:15:17

Print Date:

04-Mar-19

11:15:22 AM

#	Supplied	Quantity	Designator	Comment	Description	Footprint	Supplied by	Note
1		2	C1, C2	CAP 1uF 10V 0402(1005)	CAP 1uF 10V -20% to +80% 0402 (1005 Metric) Thickness 0.6mm SMD	CAPC0402(1005)60_L		
2		1	C3	CAP 4.7uF 16V 0402(1005)	CAP 4.7uF 16V ±20% 0402 (1005 Metric) Thickness 0.6mm SMD	CAPC0402(1005)60_L		
3		1	C11	CAP 100nF 25V 0402(1005)	CAP 100nF 25V ±20% 0402 (1005 Metric) Thickness 0.6mm SMD	CAPC0402(1005)60_L		
4		1	C23	CAP 10uF 6.3V 0402(1005)	CAP 10uF 6.3V ±20% 0402 (1005 Metric) Thickness 0.6mm SMD	CAPC0402(1005)60_L		
5		1	C24	CAP 220nF 6.3V 0402(1005)	CAP 220nF 6.3V -20% to +80% 0402 (1005 Metric) Thickness 0.6mm SMD	CAPC0402(1005)60_L		
6		1	IC4	BMP280	Digital Pressure Sensor, 1.71 to 3.6 V, -40 to 85 degC, 8-Pin LGA, RoHS, Tape and Reel	BOSC-LGA-8_V		
7		1	L1	RES 0Ohm 0402(1005)	Chip Resistor, 0 Ohm, 0402 (1005 Metric),	INDC1005X55X25ML05T10_A		
8		3	R1, R2, R3	RMCF0402JT4K70	Chip Resistor, 4.7 KOhm, +/- 5%, 0.063 W, -55 to 155 degC, 0402 (1005 Metric), RoHS, Tape and Reel	RESC1005X40X25LL10T15		
9		1	U1	NCP161AFCT180T2G	1.8V Regulator	BGA4C40P2X2_84X84X60N		
10		1	U2	W3011	GPS Chip antenna	W3011		
11		1	U3	STM32F401CEY6TR	ARM Cortex-M4 32-bit MCU+FPU, 512 KB Flash, 96 KB Internal RAM, 36 I/Os, 49-Pin WLCSP, -40 to 85 degC, Tape and Reel	STM-WLCSP49-3060X3060DE_V		
12		1	U4	ZOE-M8G	M8 Concurrent Gnss Module	ZOE-M8_ZOE-M8G(Primary)		
13		1	U5	LIS2DH12TR	MEMS Digital Output Motion Sensor: Ultra-Low-Power High-Performance 3-Axis "Femto" Accelerometer, 1.71 to 3.6 V, -40 to 85 degC, 12-Pin LGA, RoHS, Tape and Reel	STM-LGA-12		
Total quantity:		16			Notes			

