

GPS RF Board parts list (v1)**Note**

Bought a kit for the resistors and capacitors.

microUSB part shown here is the wrong footprint.

<u>Category</u>	<u>Part</u>	<u>Qty</u>	<u>Unit</u>	<u>P/N</u>	<u>Vendor</u>
Battery	12mm Coin	1	\$0.25	P189-ND	Digikey/Panasonic
Card	microSD	1	\$37.23	SFSD1024N1BN1TO-E-DF-151-STD	Digikey/Swissbit
Connector	SMA	1	\$2.85	5-1814832-1	Digikey/TE Connect
Connector	microSD	1	\$2.42	2908-05WB-MG	Mouser/3M
Connector	12mm Batt	1	\$0.55	3003K-ND	Digikey/Keystone
IC	MAX2769	1	\$4.00	MAX2769ETI+	Digikey/Maxim
IC	STM32F407	1	\$12.78	STM32FR07VGT6	Digikey/STM
IC	USB3318	1	\$2.80	USB3318-CP-TR	Digikey/SMSC
Ind	33nH	1	\$0.08	ELJ-RF33NJFB	Digikey/Panasonic
Voltage Reg	LM1117SOT223	2	\$1.10	LM1117MPX-3.3CT	Digikey/National Semi
Connector	microUSB	1	\$1.50	PRT-08533	Sparkfun
Crystal	CTS406	2			
Header	1x14	1			
Caps (0402)	4.7uF	1			
Caps (0402)	2.2uF	8			
Caps (0402)	1uF	1			
Caps (0402)	100nF	5			
Caps (0402)	10nF	2			
Caps (0402)	6.8nF	2			
Caps (0402)	470pF	1			
Caps (0402)	100pF	14			
Caps (0402)	27pF	1			
Caps (0402)	16pF	2			
Res (0402)	0.47nF	1			
Res (0402)	1.5k	1			
Res (0402)	10k	1			
Res (0402)	1k	3			
Res (0402)	20k	5			
Connector	Molex_CortexM3	1			