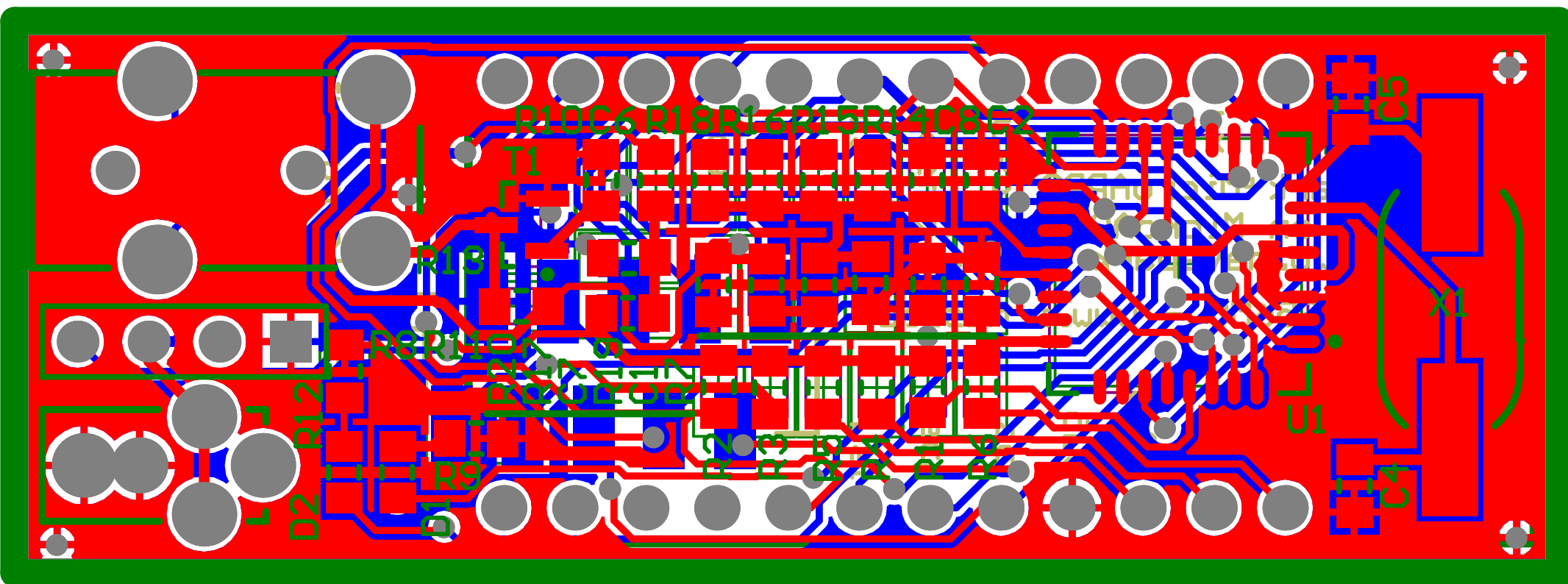


Title		
MicroAPRS compatible with Navspark GPS		
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Size	Number	Revision
A4		1.0
Date:	10.9.2014	Sheet of
File:	D:\AltiumProjects\NavSparkMicroAPRS	Sheet of



Comment	Description	Designator	Footprint	LibRef	Quantity
Capacitor	General capacitor	C1, C2, C4, C5, C6, C7, C8	RESC2012X06N	Capacitor	7
LED	LED diode	D1, D2	RESC2012X06N	LED	2
PoKeys comaptible extension	Micro-Match female PCB connector 10 Positions THT	P1	8-188275-0	1-215079-0	1
3.5mm	3 way audio jack	P2	MX-387GL	AudioJack3Way	1
2.5mm	3 way audio jack	P3	PSG01539	AudioJack3Way	1
Header 4	Header, 4-Pin	P4	HDR1X4	Header 4	1
10k	Resistor 0805 smd	R1, R10	RESC2012X06N	Resistor	2
4k7	Resistor 0805 smd	R2	RESC2012X06N	Resistor	1
0	Resistor 0805 smd	R3, R4, R5	RESC2012X06N	Resistor	3
1M	Resistor 0805 smd	R6	RESC2012X06N	Resistor	1
100k	Resistor 0805 smd	R7, R11, R13, R17	RESC2012X06N	Resistor	4
2k2	Resistor 0805 smd	R8, R16	RESC2012X06N	Resistor	2
1k	Resistor 0805 smd	R9, R12, R18, R20	RESC2012X06N	Resistor	4
8k2	Resistor 0805 smd	R14	RESC2012X06N	Resistor	1
3k9	Resistor 0805 smd	R15	RESC2012X06N	Resistor	1
270	Resistor 0805 smd	R19	RESC2012X06N	Resistor	1
2N7002F MOSFET-N	2N7002F	T1	SOT23	2N7002F MOSFET-N	1
atmega328	32 TQFP atmega328	U1	QFN80P900X900X120-32M	atmega328	1
NavSparkGL	NavSpark	U2	NavSpark	NavSparkGL	1
xtal	xtal	X1	HC49-S	xtal	1