



LoRenz rev.B shield assembly guide

Note 1: Components in Tables 1 and 2 are listed in recommended placement order.

Note 2: This document was last updated on 15/05/17.

Table 1: Components

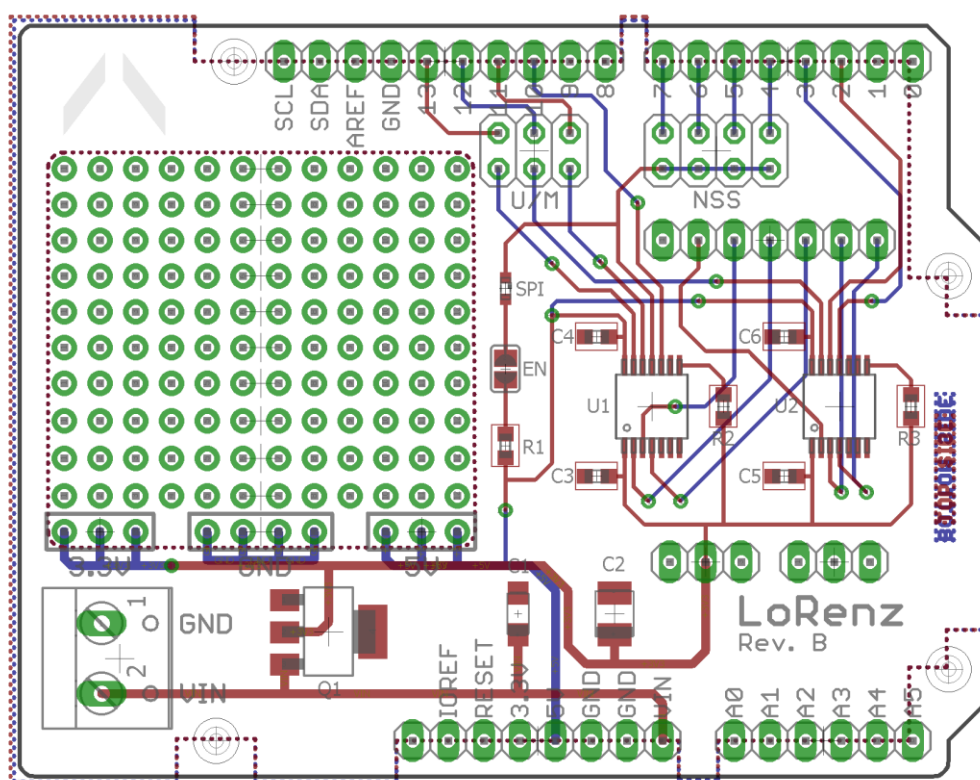
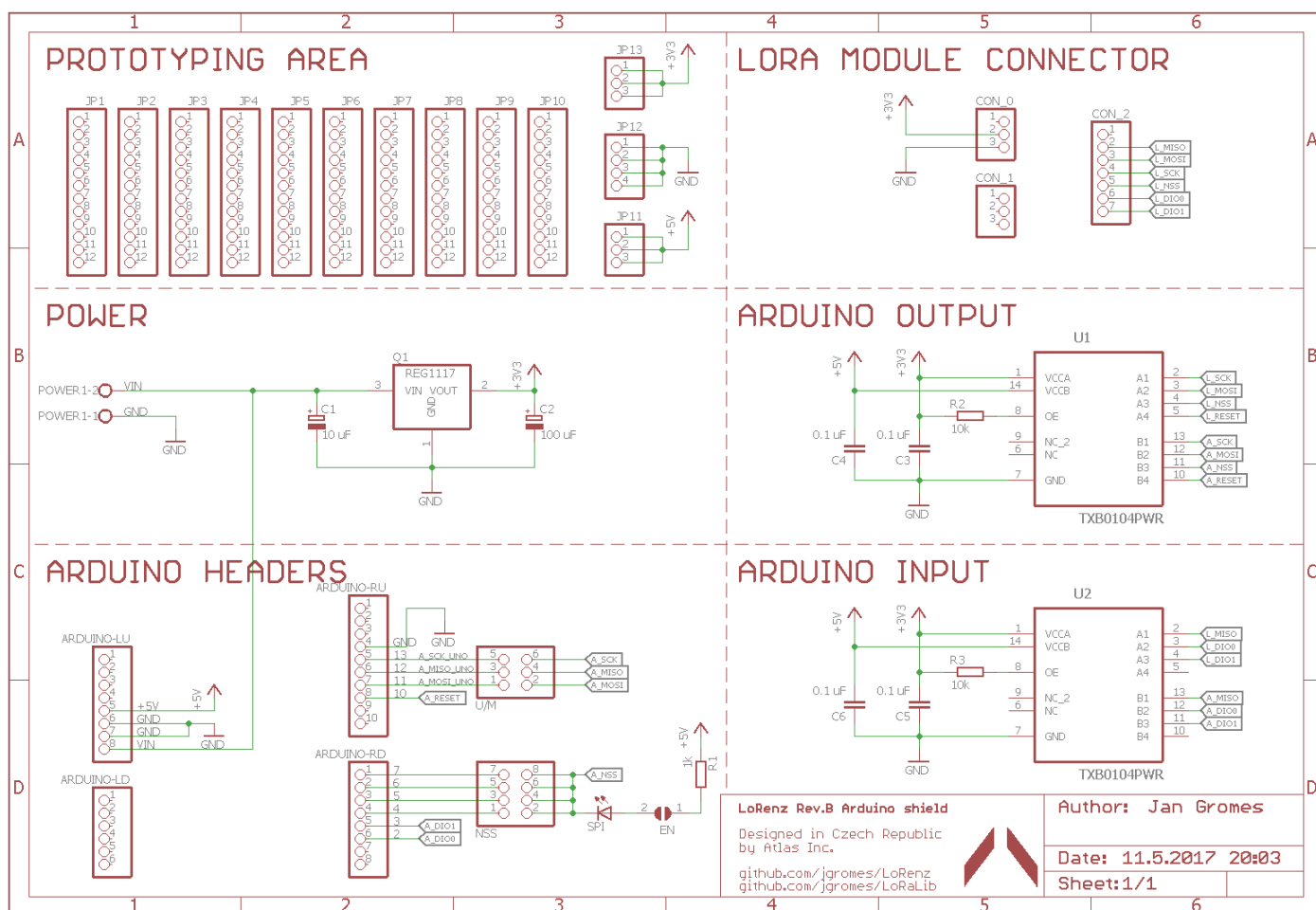
Component	Value	Package	Placed							
U1	TXB0104PWR	TSSOP14								
U2	TXB0104PWR	TSSOP14								
R2	10k	0603								
R3	10k	0603								
C6	0.1 μ F	0603								
C5	0.1 μ F	0603								
C4	0.1 μ F	0603								
C3	0.1 μ F	0603								
SPI	LED	0603								
R1	1k	0603								
C1	10 μ F	A								
C2	100 μ F	B								
Q1	LD1117	SOT223								

Table 2: Pin headers and terminals

Component	Placed							
LoRa module pin headers								
U/M								
NSS								
Arduino digital pins (lower)								
Arduino digital pins (higher)								
Arduino analog pins								
Arduino power pins								
Power terminal								



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