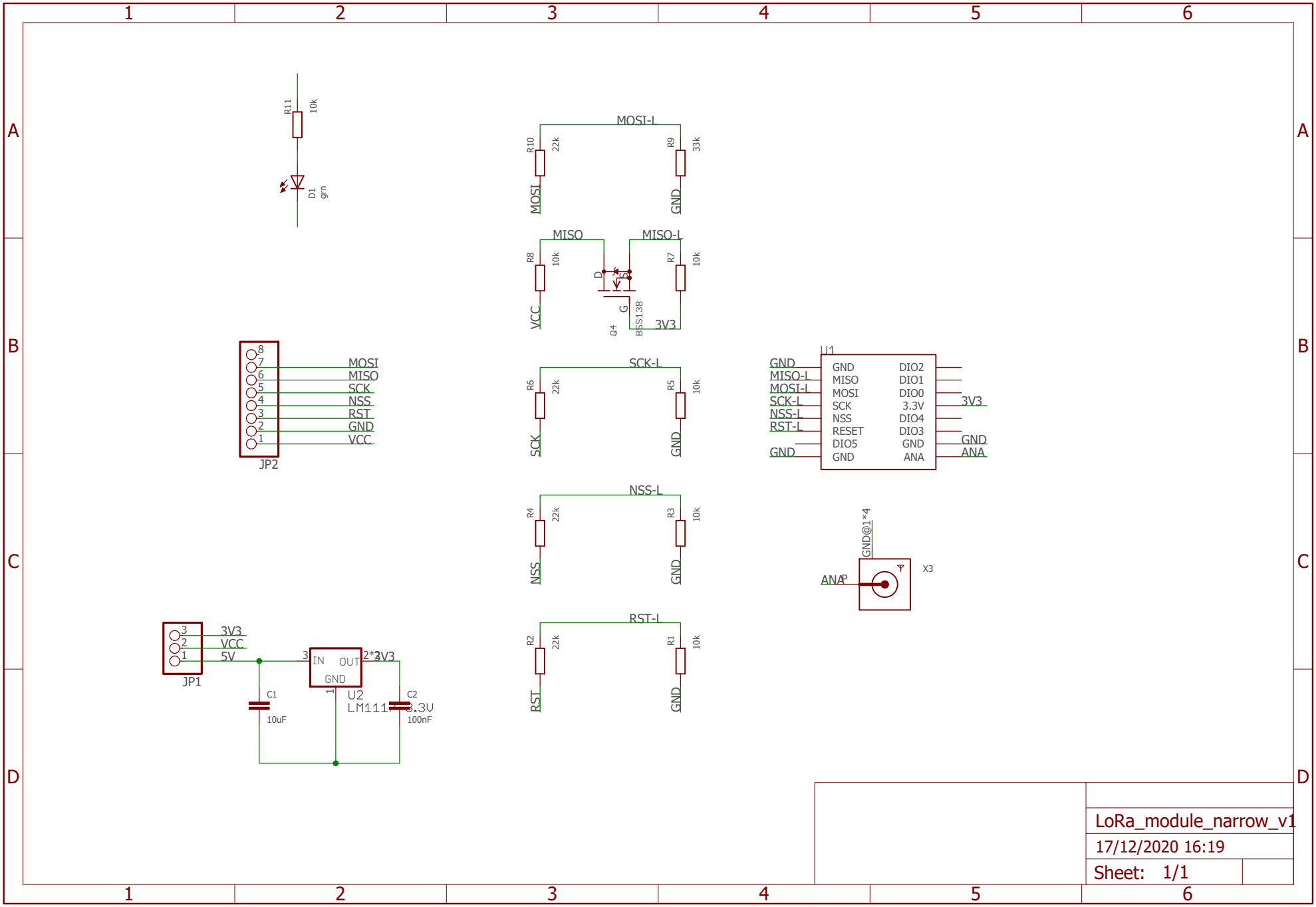
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R10
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R9
33k
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GND
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MISO-L
R8
10k
R7
10k
D
S
G
G4
BSS138
VCC
3V3
JP2
8
7
6
5
4
3
2
1
MOSI
MISO
SCK
NSS
RST
GND
VCC
SCK-L
R6
22k
R5
10k
SCK
GND
U1
GND
MISO-L
MOSI-L
SCK-L
NSS-L
RST-L
GND
GND
MISO
MOSI
SCK
NSS
RESET
DIO5
GND
DIO2
DIO1
DIO0
3.3V
DIO4
DIO3
GND
ANA
3V3
GND
ANA
NSS-L
R4
22k
R3
10k
NSS
GND
GND@1*4
ANA
X3
JP1
3
2
1
3V3
VCC
5V
3
IN
OUT
GND
1
2*3V3
U2
LM1117-3.3V
C1
10uF
C2
100nF
RST-L
R2
22k
R1
10k
RST
GND
LoRa_module_narrow_v1
17/12/2020 16:19
Sheet: 1/1