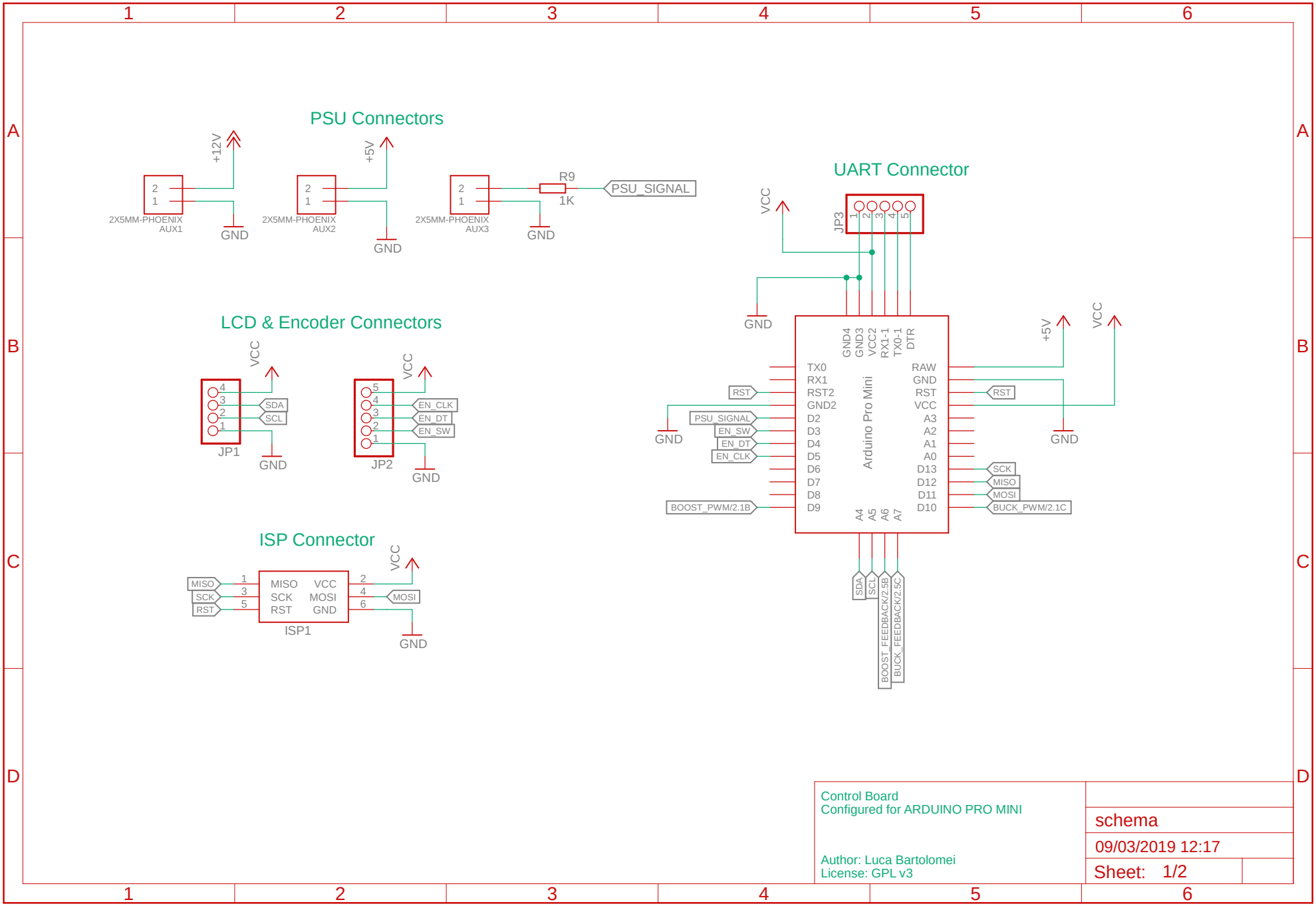
PSU Connectors
+12V
2
1
2X5MM-PHOENIX
AUX1
GND
+5V
2
1
2X5MM-PHOENIX
AUX2
GND
2
1
2X5MM-PHOENIX
AUX3
GND
R9
1K
PSU_SIGNAL
UART Connector
VCC
JP3
1 2 3 4 5
GND
GND4
GND3
VCC2
RX1-1
TX0-1
DTR
TX0
RX1
RST2
GND2
D2
D3
D4
D5
D6
D7
D8
D9
Arduino Pro Mini
RAW
GND
RST
VCC
A3
A2
A1
A0
D13
D12
D11
D10
A4
A5
A6
A7
RST
PSU_SIGNAL
EN_SW
EN_DT
EN_CLK
BOOST_PWM/2.1B
SCK
MISO
MOSI
BUCK_PWM/2.1C
+5V
VCC
GND
GND
SDA
SCL
BOOST_FEEDBACK/2.5B
BUCK_FEEDBACK/2.5C
LCD & Encoder Connectors
VCC
4
3
2
1
SDA
SCL
JP1
GND
VCC
5
4
3
2
1
EN_CLK
EN_DT
EN_SW
JP2
GND
ISP Connector
VCC
MISO
SCK
RST
1
3
5
MISO
SCK
RST
VCC
MOSI
GND
2
4
6
MOSI
ISP1
GND
Control Board
Configured for ARDUINO PRO MINI
Author: Luca Bartolomei
License: GPL v3
schema
09/03/2019 12:17
Sheet: 1/2