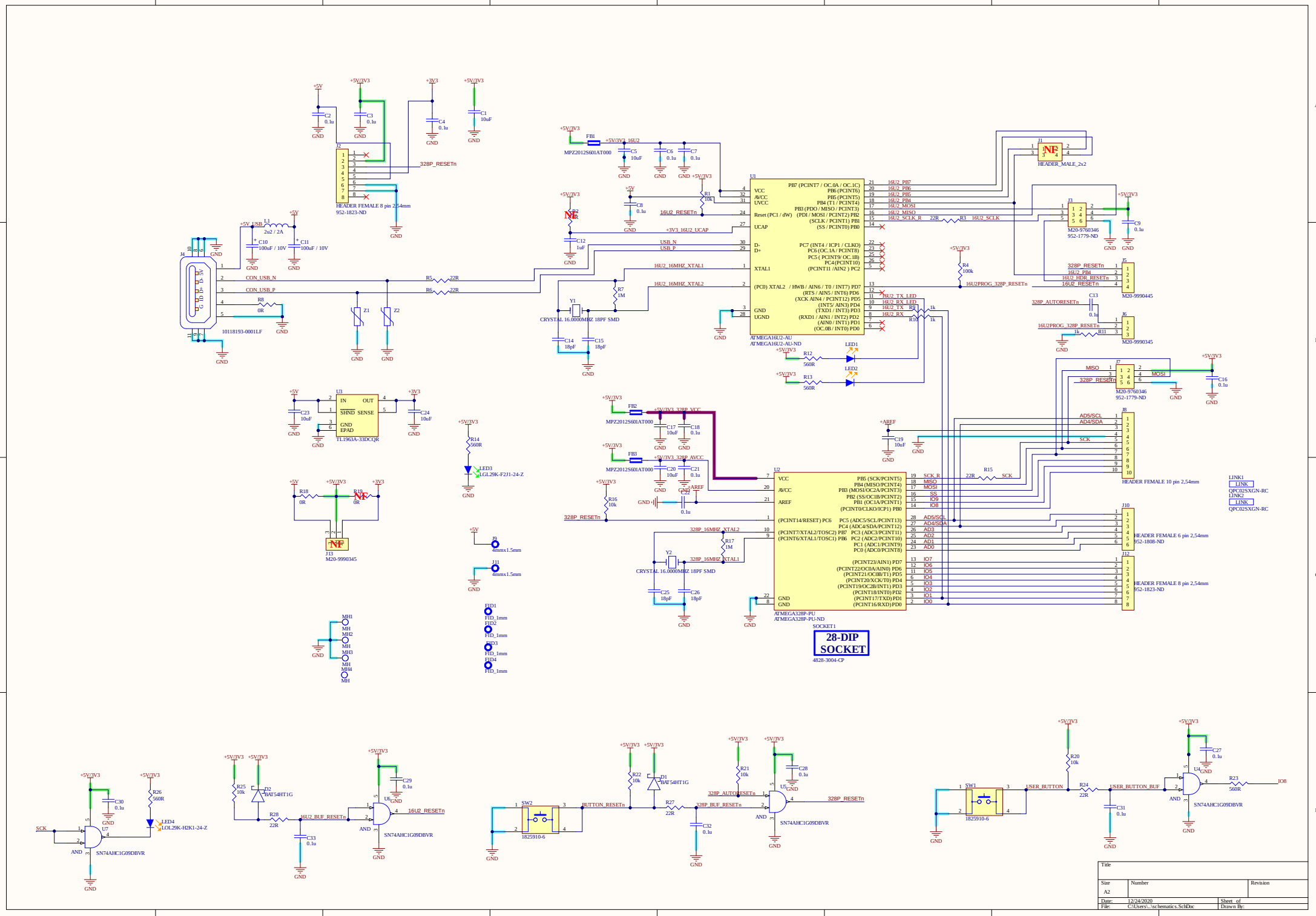
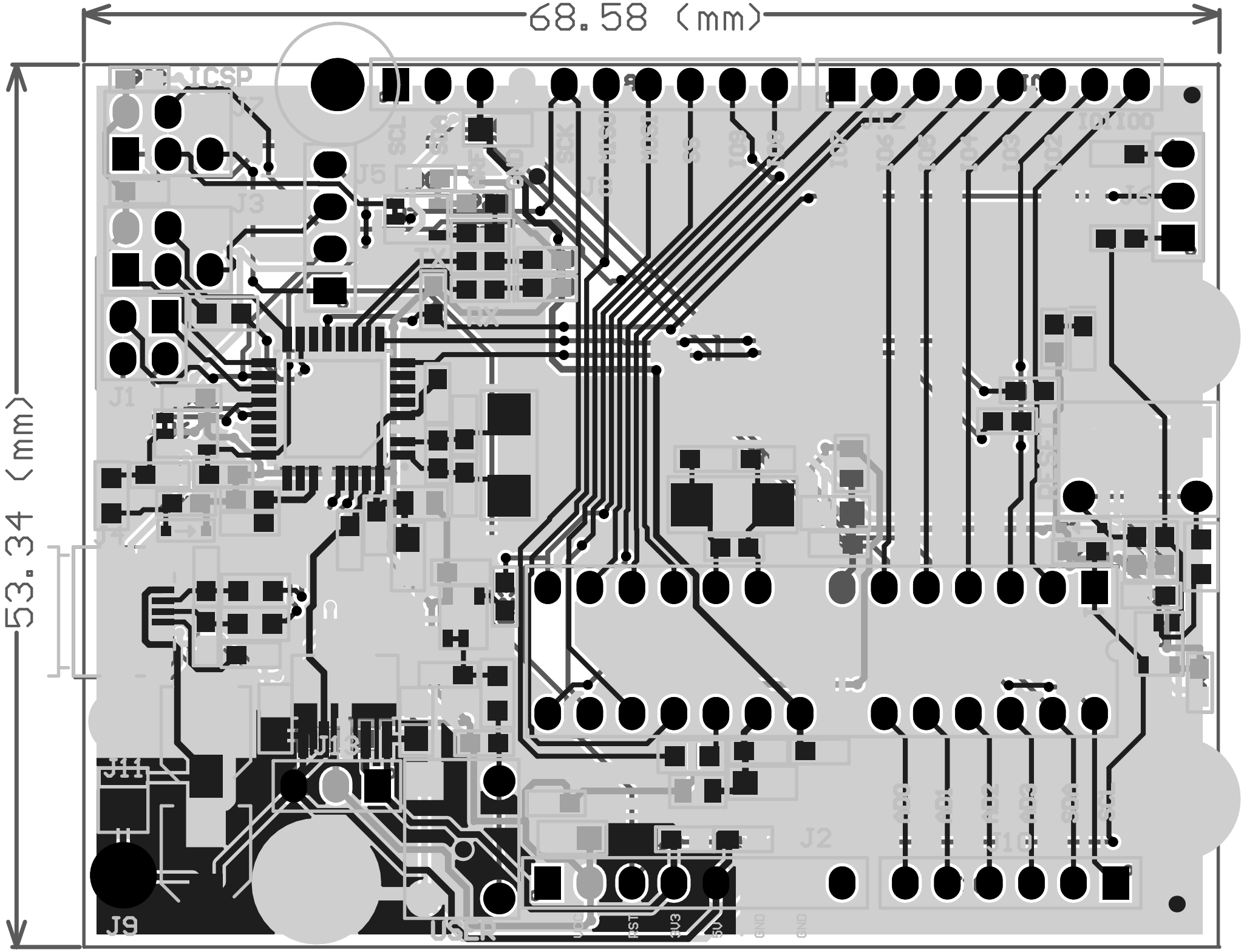

ATMEGA16U2-AU
ATMEGA16U2-AU-ND
ATMEGA328P-PU
ATMEGA328P-PU-ND
28-DIP SOCKET
4828-3004-CP
HEADER FEMALE 8 pin 2.54mm
952-1823-ND
HEADER_MALE_2x2
M20-9760346
952-1779-ND
M20-9990445
M20-9990345
HEADER FEMALE 10 pin 2,54mm
HEADER FEMALE 6 pin 2,54mm
952-1808-ND
HEADER FEMALE 8 pin 2,54mm
952-1823-ND
10118193-0001LF
TL1963A-33DCQR
CRYSTAL 16.0000MHZ 18PF SMD
MPZ2012S601AT000
SN74AHC1G09DBVR
1825910-6
LED3
LGL29K-F2J1-24-Z
LED4
LOL29K-H2K1-24-Z
LINK1
LINK
QPC02SXGN-RC
LINK2
LINK
QPC02SXGN-RC
USB_N
USB_P
CON_USB_N
CON_USB_P
16U2_RESETn
328P_RESETn
16U2_16MHZ_XTAL1
16U2_16MHZ_XTAL2
328P_16MHZ_XTAL1
328P_16MHZ_XTAL2
16U2PROG_328P_RESETn
328P_AUTORESETn
16U2_HDR_RESETn
16U2_PB4
16U2_SCLK
16U2_MOSI
16U2_MISO
16U2_TX_LED
16U2_RX_LED
16U2_TX
16U2_RX
16U2_PB7
16U2_PB6
16U2_PB5
16U2_UCAP
+3V3_16U2_UCAP
328P_VCC
328P_AVCC
AREF
+AREF
SCK
MISO
MOSI
AD5/SCL
AD4/SDA
AD3
AD2
AD1
AD0
IO7
IO6
IO5
IO4
IO3
IO2
IO1
IO0
IO8
BUTTON_RESETn
328P_BUF_RESETn
16U2_BUF_RESETn
USER_BUTTON
USER_BUTTON_BUF
Title
Size
A2
Number
Revision
Date: 12/24/2020
Sheet of
File: C:\Users\...\schematics.SchDoc
Drawn By:


68.58 (mm)
53.34 (mm)
ICSP
J7
J5
J3
J1
J4
J11
J13
J14
J9
J2
J10
J16
J15
TX
RX
SCL
SCK
IO8
IO6
IO5
IO4
IO3
IO2
IO100
USER
RST
3V3
5V
GND