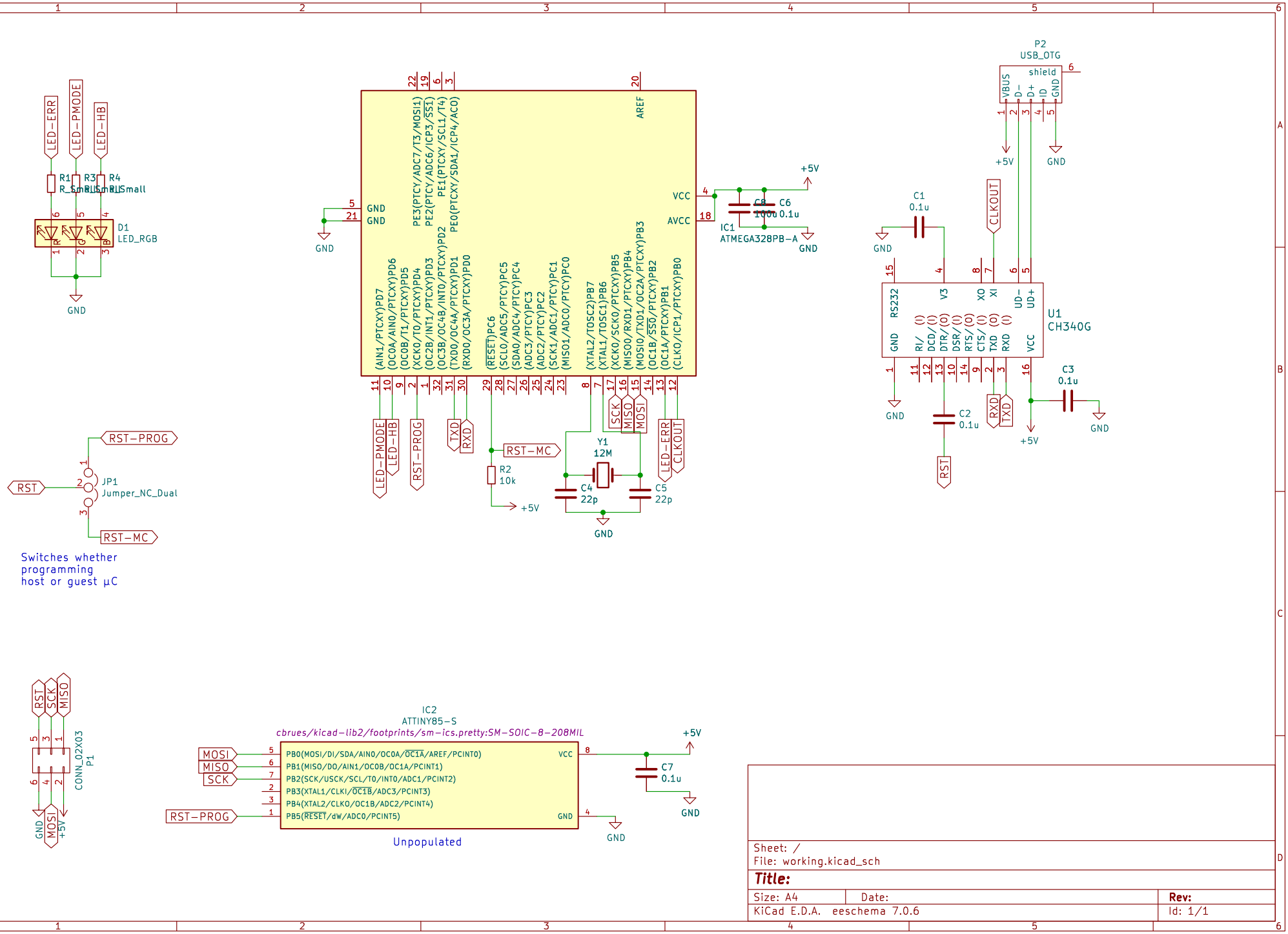
LED-ERR
LED-PMODE
LED-HB
R1
R_Small
R3
R_Small
R4
R_Small
D1
LED_RGB
GND
IC1
ATMEGA328PB-A
VCC
AVCC
AREF
GND
GND
+5V
C8
1000
C6
0.1u
P2
USB_OTG
shield
VBUS
D-
D+
ID
GND
C1
0.1u
CLKOUT
U1
CH340G
RS232
V3
XO
XI
UD-
UD+
VCC
C2
0.1u
C3
0.1u
RXD
TXD
RST
RST-PROG
RST-MC
JP1
Jumper_NC_Dual
Switches whether
programming
host or guest µC
SCK
MISO
MOSI
Y1
12M
C4
22p
C5
22p
R2
10k
TXD
RXD
LED-PMODE
LED-HB
RST-PROG
LED-ERR
CLKOUT
RST
SCK
MISO
MOSI
+5V
GND
CONN_02X03
P1
IC2
ATTINY85-S
cbrues/kicad-lib2/footprints/sm-ics.pretty:SM-SOIC-8-208MIL
PB0(MOSI/DI/SDA/AIN0/OC0A/OC1A/AREF/PCINT0)
PB1(MISO/DO/AIN1/OC0B/OC1A/PCINT1)
PB2(SCK/USCK/SCL/T0/INT0/ADC1/PCINT2)
PB3(XTAL1/CLKI/OC1B/ADC3/PCINT3)
PB4(XTAL2/CLKO/OC1B/ADC2/PCINT4)
PB5(RESET/dW/ADC0/PCINT5)
VCC
GND
C7
0.1u
Unpopulated
Sheet: /
File: working.kicad_sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. eeschema 7.0.6
Id: 1/1