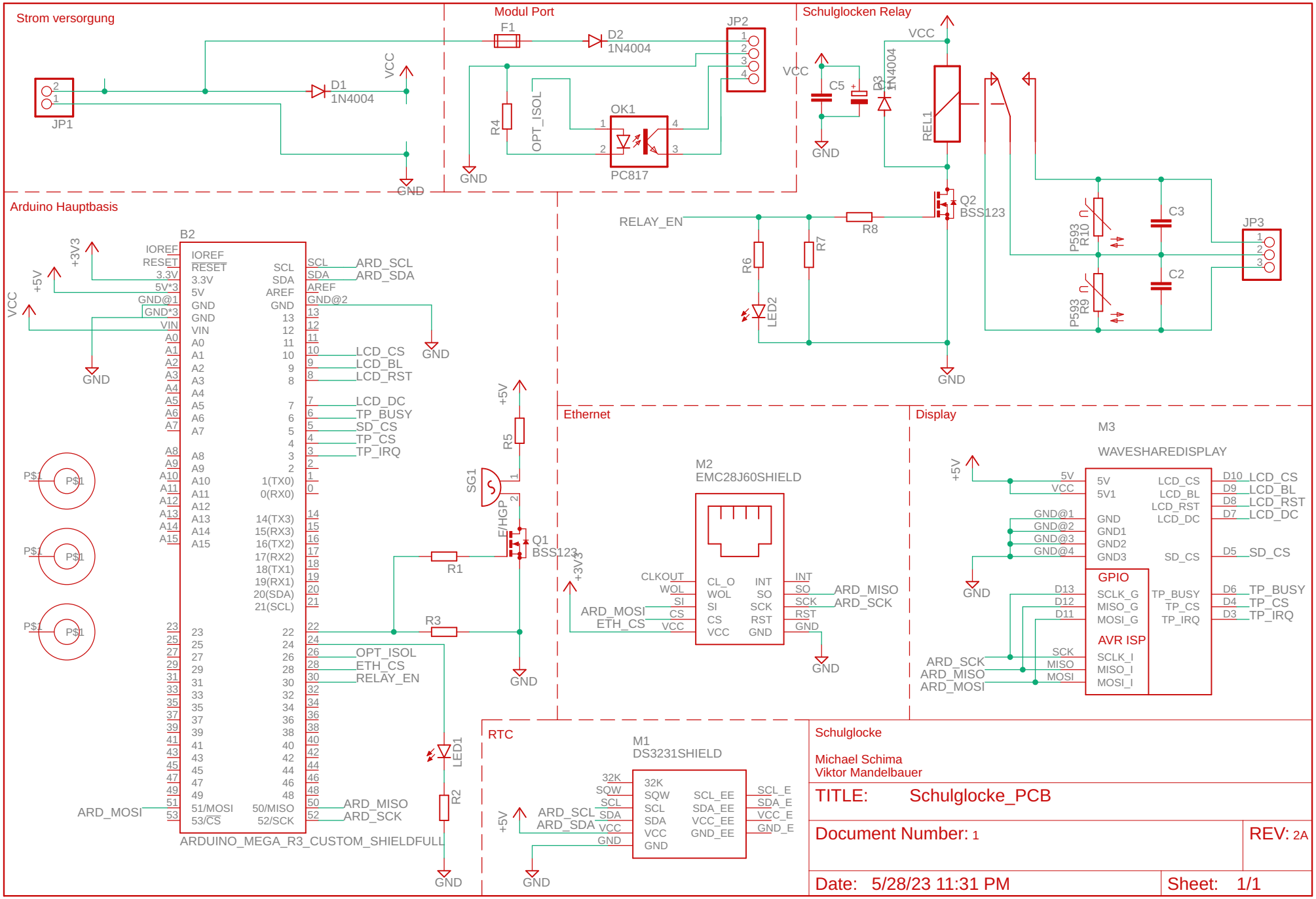
Strom versorgung
JP1
D1
1N4004
VCC
GND
Modul Port
F1
D2
1N4004
JP2
R4
OPT_ISOL
OK1
PC817
Schulglocken Relay
VCC
C5
D3
1N4004
REL1
Q2
BSS123
RELAY_EN
R8
R6
R7
LED2
P593
R10
R9
C3
C2
JP3
Arduino Hauptbasis
B2
IOREF
RESET
3.3V
5V*3
GND@1
GND*3
VIN
+3V3
+5V
ARD_SCL
ARD_SDA
LCD_CS
LCD_BL
LCD_RST
LCD_DC
TP_BUSY
SD_CS
TP_CS
TP_IRQ
OPT_ISOL
ETH_CS
RELAY_EN
ARD_MISO
ARD_SCK
ARD_MOSI
P$1
SG1
E/HGP
Q1
BSS123
R5
R1
R3
LED1
R2
ARDUINO_MEGA_R3_CUSTOM_SHIELDFULL
Ethernet
M2
EMC28J60SHIELD
CLKOUT
WOL
SI
CS
VCC
CL_O
INT
SO
SCK
RST
GND
ARD_MISO
ARD_SCK
ARD_MOSI
ETH_CS
Display
M3
WAVESHAREDISPLAY
5V
5V1
GND
GND1
GND2
GND3
LCD_CS
LCD_BL
LCD_RST
LCD_DC
SD_CS
GPIO
SCLK_G
MISO_G
MOSI_G
TP_BUSY
TP_CS
TP_IRQ
AVR ISP
SCLK_I
MISO_I
MOSI_I
D10
D9
D8
D7
D5
D6
D4
D3
D13
D12
D11
SCK
MISO
MOSI
RTC
M1
DS3231SHIELD
32K
SQW
SCL
SDA
VCC
GND
SCL_EE
SDA_EE
VCC_EE
GND_EE
SCL_E
SDA_E
VCC_E
GND_E
Schulglocke
Michael Schima
Viktor Mandelbauer
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Document Number: 1
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