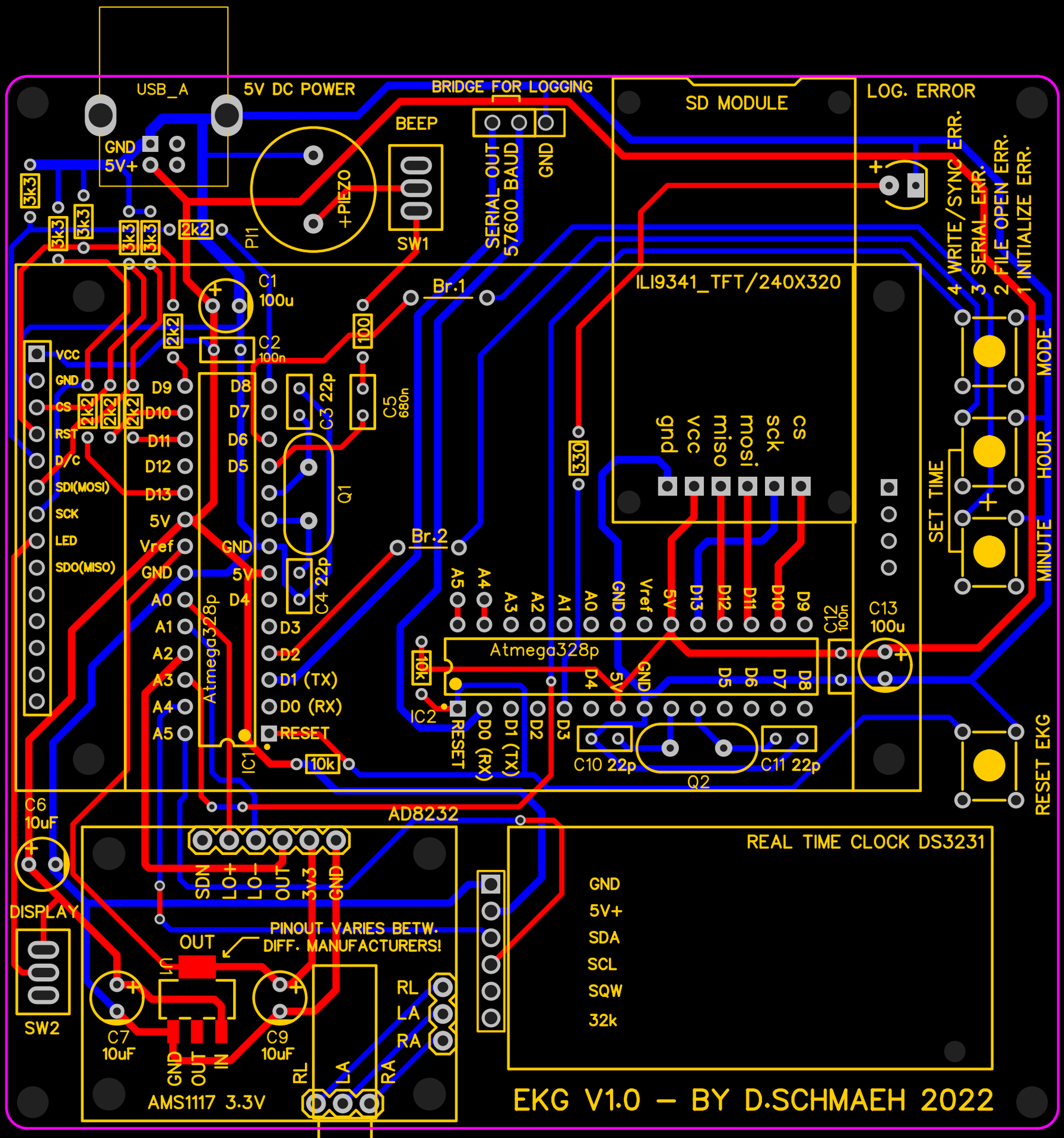
USB_A
5V DC POWER
BRIDGE FOR LOGGING
SD MODULE
LOG. ERROR
BEEP
SERIAL OUT
57600 BAUD
GND
5V+
+PIEZO
SW1
PI1
4 WRITE/SYNC ERR.
3 SERIAL ERR.
2 FILE OPEN ERR.
1 INITIALIZE ERR.
ILI9341_TFT/240X320
gnd
vcc
miso
mosi
sck
cs
VCC
GND
CS
RST
D/C
SDI(MOSI)
SCK
LED
SDO(MISO)
Atmega328p
IC1
IC2
Br.1
Br.2
Q1
Q2
SET TIME
MODE
HOUR
MINUTE
RESET EKG
AD8232
SDN
LO+
LO-
OUT
3V3
GND
PINOUT VARIES BETW.
DIFF. MANUFACTURERS!
RL
LA
RA
DISPLAY
SW2
AMS1117 3.3V
REAL TIME CLOCK DS3231
SDA
SCL
SQW
32k
EKG V1.0 – BY D.SCHMAEH 2022