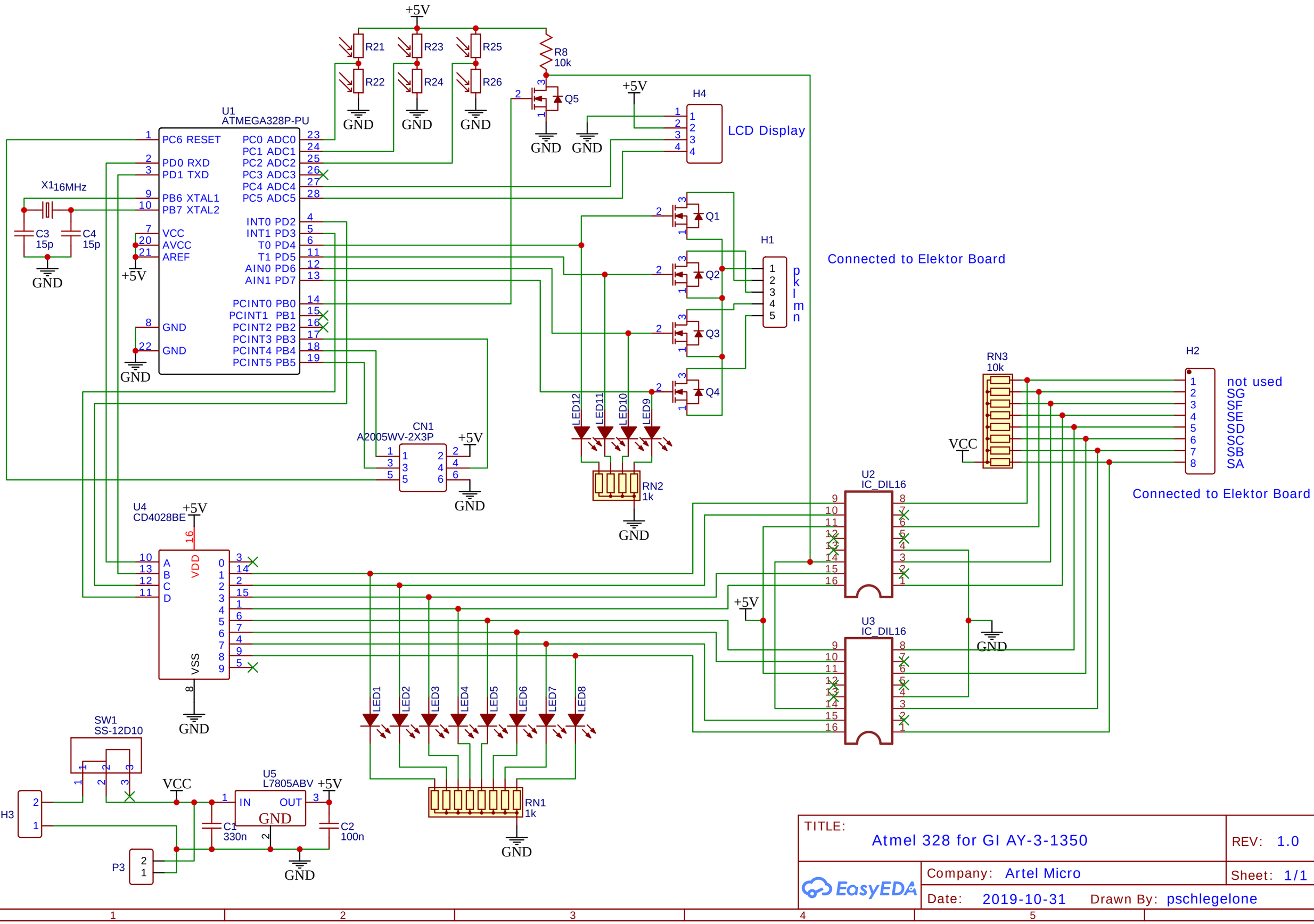
U1
ATMEGA328P-PU
PC6 RESET
PD0 RXD
PD1 TXD
PB6 XTAL1
PB7 XTAL2
VCC
AVCC
AREF
GND
GND
PC0 ADC0
PC1 ADC1
PC2 ADC2
PC3 ADC3
PC4 ADC4
PC5 ADC5
INT0 PD2
INT1 PD3
T0 PD4
T1 PD5
AIN0 PD6
AIN1 PD7
PCINT0 PB0
PCINT1 PB1
PCINT2 PB2
PCINT3 PB3
PCINT4 PB4
PCINT5 PB5
X1 16MHz
C3 15p
C4 15p
+5V
R21
R22
R23
R24
R25
R26
R8 10k
Q5
H4
LCD Display
Q1
Q2
Q3
Q4
H1
Connected to Elektor Board
LED12
LED11
LED10
LED9
RN2 1k
CN1
A2005WV-2X3P
U4
CD4028BE
VDD
VSS
LED1
LED2
LED3
LED4
LED5
LED6
LED7
LED8
RN1 1k
U2
IC_DIL16
U3
IC_DIL16
RN3 10k
H2
not used
SG
SF
SE
SD
SC
SB
SA
Connected to Elektor Board
SW1
SS-12D10
H3
P3
U5
L7805ABV
IN
OUT
C1 330n
C2 100n
TITLE:
Atmel 328 for GI AY-3-1350
REV: 1.0
Company: Artel Micro
Sheet: 1/1
Date: 2019-10-31
Drawn By: pschlegelone
EasyEDA