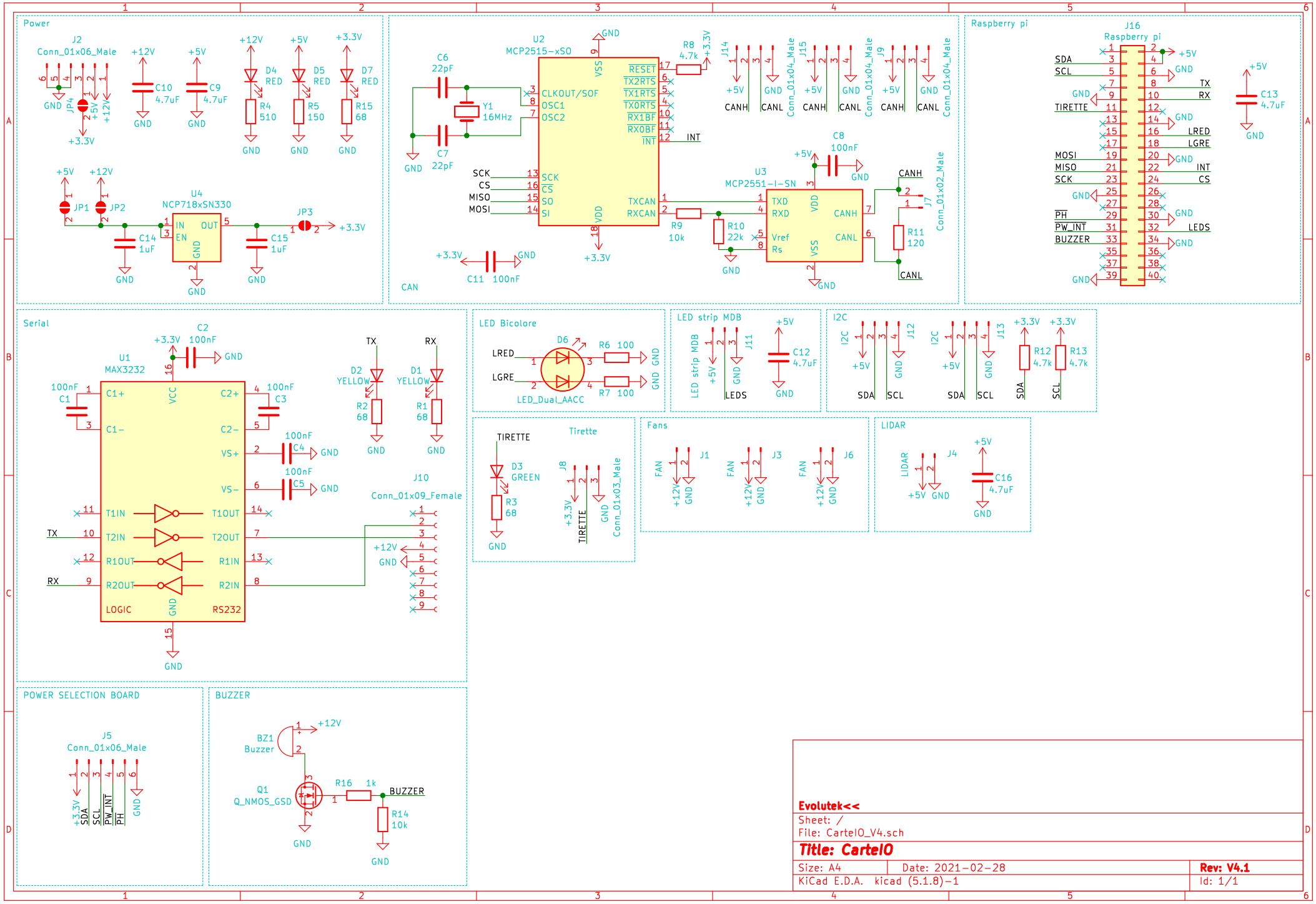
Power
J2
Conn_01x06_Male
JP4
+12V
+5V
+3.3V
GND
C10
4.7uF
C9
4.7uF
D4
RED
D5
RED
D7
RED
R4
510
R5
150
R15
68
JP1
JP2
U4
NCP718xSN330
IN
OUT
EN
C14
1uF
C15
1uF
JP3
U2
MCP2515-xSO
CLKOUT/SOF
OSC1
OSC2
RESET
TX2RTS
TX1RTS
TX0RTS
RX1BF
RX0BF
INT
SCK
CS
SO
SI
VSS
VDD
TXCAN
RXCAN
C6
22pF
C7
22pF
Y1
16MHz
R8
4.7k
R9
10k
R10
22k
C11
100nF
CAN
J14
J15
J9
Conn_01x04_Male
CANH
CANL
U3
MCP2551-I-SN
TXD
RXD
Vref
Rs
C8
100nF
R11
120
J7
Conn_01x02_Male
Raspberry pi
J16
Raspberry pi
SDA
SCL
TX
RX
TIRETTE
LRED
LGRE
MOSI
MISO
INT
CS
PH
PW_INT
LEDS
BUZZER
C13
4.7uF
Serial
U1
MAX32232
C1+
C1-
C2+
C2-
VS+
VS-
VCC
T1IN
T2IN
R1OUT
R2OUT
T1OUT
T2OUT
R1IN
R2IN
LOGIC
RS232
C1
100nF
C2
100nF
C3
100nF
C4
100nF
C5
100nF
D2
YELLOW
D1
YELLOW
R2
68
R1
68
J10
Conn_01x09_Female
LED Bicolore
D6
LRED
LGRE
R6 100
R7 100
LED_Dual_AACC
LED strip MDB
J11
C12
4.7uF
I2C
J12
J13
R12
4.7k
R13
4.7k
Tirette
D3
GREEN
R3
68
J8
Conn_01x03_Male
Fans
J1
J3
J6
FAN
LIDAR
J4
C16
4.7uF
POWER SELECTION BOARD
J5
Conn_01x06_Male
BUZZER
BZ1
Buzzer
Q1
Q_NMOS_GSD
R16
1k
R14
10k
Evolutek<<
Sheet: /
File: CarteIO_V4.sch
Title: CarteIO
Size: A4
Date: 2021-02-28
Rev: V4.1
KiCad E.D.A. kicad (5.1.8)-1
Id: 1/1