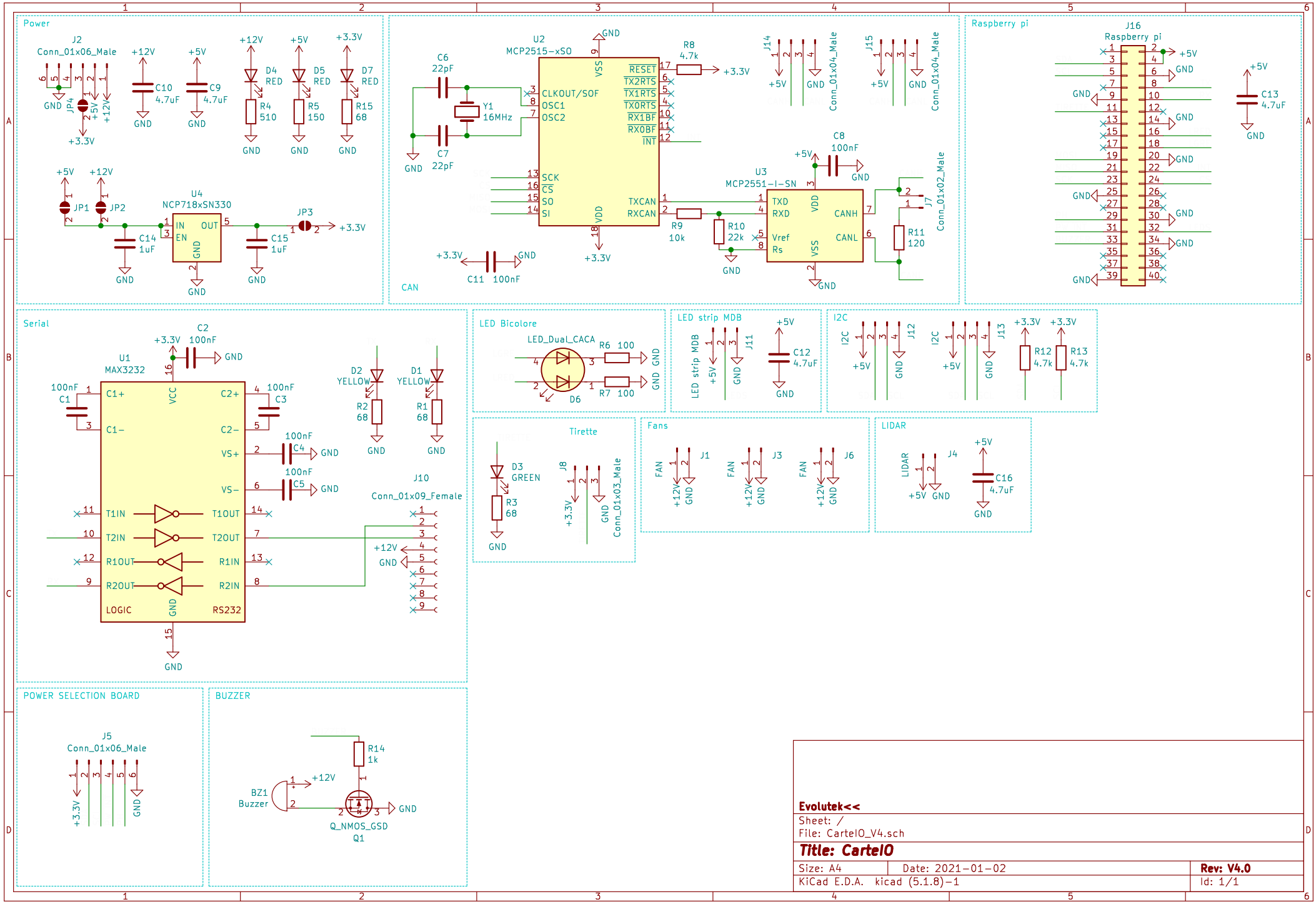
Power
J2
Conn_01x06_Male
JP4
+12V
+5V
+3.3V
GND
C10
4.7uF
C9
4.7uF
D4
RED
D5
RED
D7
RED
R4
510
R5
150
R15
68
JP1
JP2
U4
NCP718xSN330
IN
OUT
EN
GND
C14
1uF
C15
1uF
JP3
CAN
U2
MCP2515-xSO
C6
22pF
C7
22pF
Y1
16MHz
CLKOUT/SOF
OSC1
OSC2
SCK
CS
SO
SI
VSS
VDD
RESET
TX2RTS
TX1RTS
TX0RTS
RX1BF
RX0BF
INT
TXCAN
RXCAN
R8
4.7k
R9
10k
R10
22k
C11
100nF
J14
J15
Conn_01x04_Male
C8
100nF
U3
MCP2551-I-SN
TXD
RXD
Vref
Rs
CANH
CANL
R11
120
J7
Conn_01x02_Male
Raspberry pi
J16
Raspberry pi
C13
4.7uF
Serial
U1
MAX32232
C2
100nF
C1
100nF
C3
100nF
C4
100nF
C5
C1+
C1-
C2+
C2-
VS+
VS-
VCC
T1IN
T2IN
R1OUT
R2OUT
T1OUT
T2OUT
R1IN
R2IN
LOGIC
RS232
D2
YELLOW
D1
YELLOW
R2
68
R1
68
J10
Conn_01x09_Female
LED Bicolore
LED_Dual_CACA
D6
R6
100
R7
100
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
R14
1k
BZ1
Buzzer
Q_NMOS_GSD
Q1
Evolutek<<
Sheet: /
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Title: CarteIO
Size: A4
Date: 2021-01-02
Rev: V4.0
KiCad E.D.A. kicad (5.1.8)-1
Id: 1/1