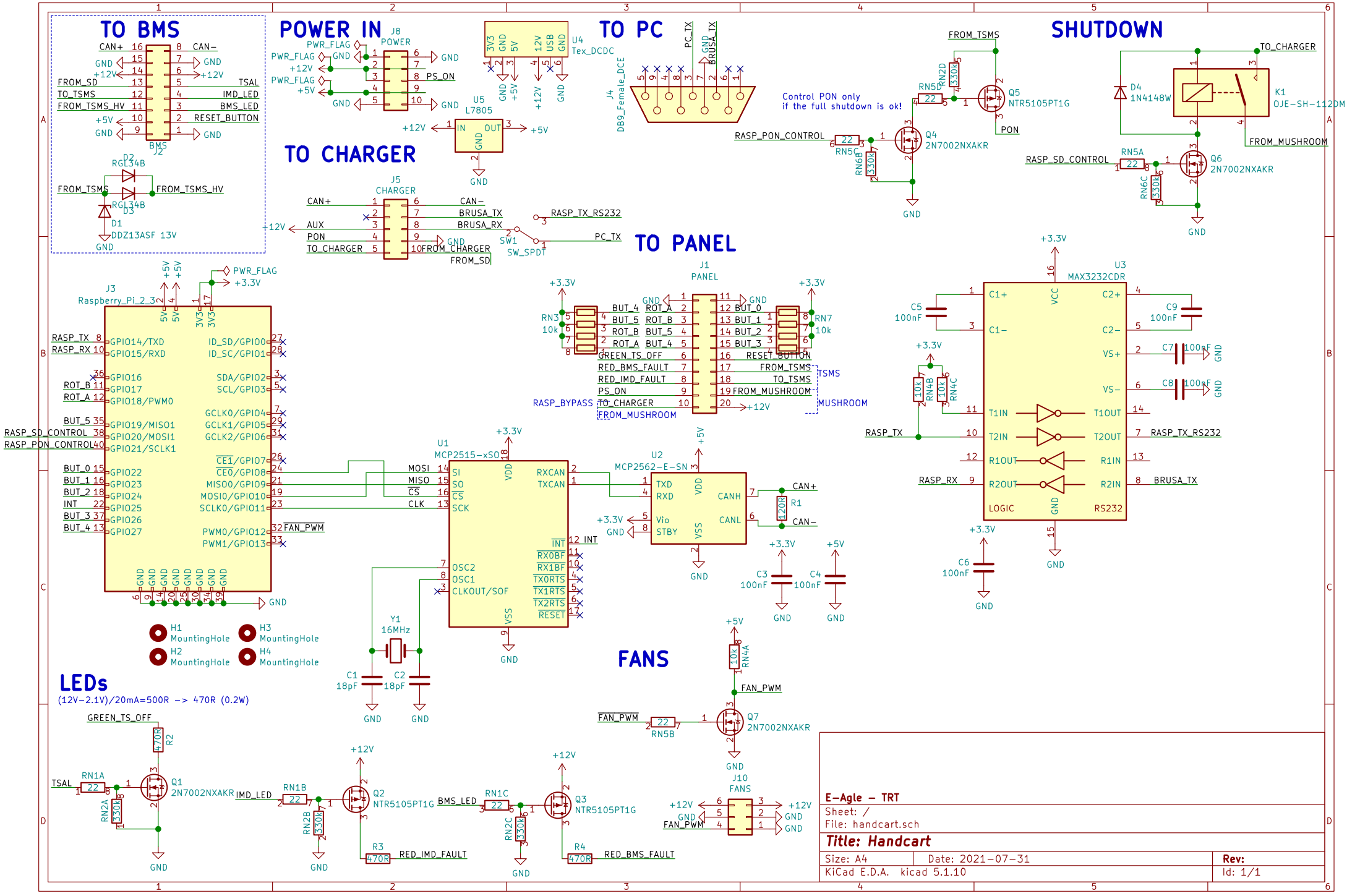
TO BMS
POWER IN
TO PC
SHUTDOWN
TO CHARGER
TO PANEL
FANS
LEDs
(12V-2.1V)/20mA=500R -> 470R (0.2W)
Control PON only
if the full shutdown is ok!
J2 BMS
J8 POWER
U4 Tex_DCDC
U5 L7805
J4 DB9_Female_DCE
Q5 NTR5105PT1G
Q4 2N7002NXAKR
Q6 2N7002NXAKR
D4 1N4148W
K1 OJE-SH-112DM
D2 RGL34B
D3 RGL34B
D1 DDZ13ASF 13V
J5 CHARGER
SW1 SW_SPDT
J3 Raspberry_Pi_2_3
J1 PANEL
U1 MCP2515-xSO
U2 MCP2562-E-SN
U3 MAX3232CDR
Y1 16MHz
H1 MountingHole
H2 MountingHole
H3 MountingHole
H4 MountingHole
Q1 2N7002NXAKR
Q2 NTR5105PT1G
Q3 NTR5105PT1G
Q7 2N7002NXAKR
J10 FANS
E-Agle - TRT
Sheet: /
File: handcart.sch
Title: Handcart
Size: A4
Date: 2021-07-31
Rev:
KiCad E.D.A. kicad 5.1.10
Id: 1/1