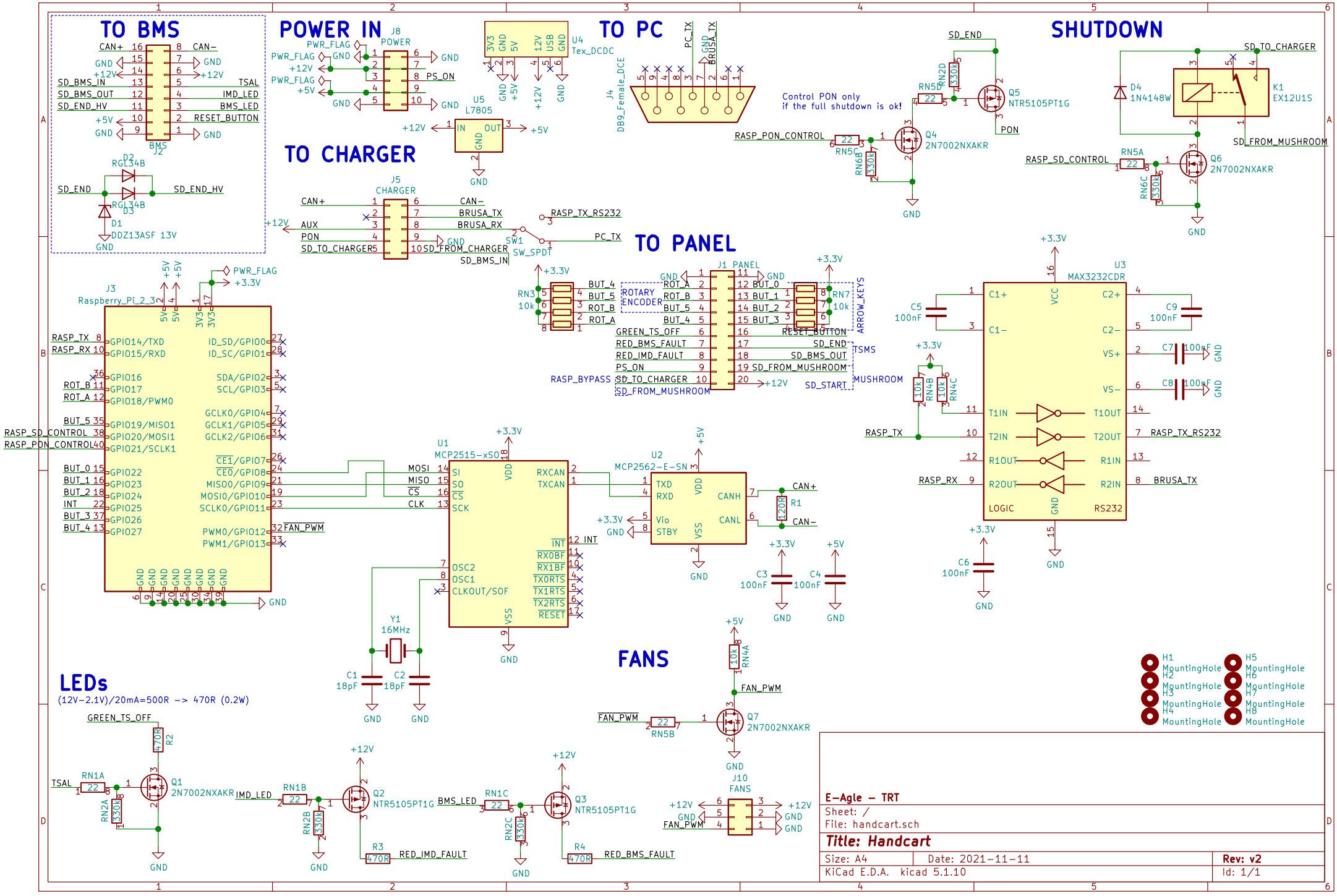
TO BMS
POWER IN
TO PC
SHUTDOWN
TO CHARGER
TO PANEL
LEDs
(12V-2.1V)/20mA=500R -> 470R (0.2W)
FANS
J2 BMS
J8 POWER
U4 Tex_DCDC
U5 L7805
J4 DB9_Female_DCE
Control PON only
if the full shutdown is ok!
Q5 NTR5105PT1G
Q4 2N7002NXAKR
K1 EX12U1S
D4 1N4148W
Q6 2N7002NXAKR
J5 CHARGER
SW1 SW_SPDT
J1 PANEL
J3 Raspberry_Pi_2_3
U1 MCP2515-xSO
U2 MCP2562-E-SN
U3 MAX3232CDR
Y1 16MHz
Q1 2N7002NXAKR
Q2 NTR5105PT1G
Q3 NTR5105PT1G
Q7 2N7002NXAKR
J10 FANS
H1 MountingHole
H2 MountingHole
H3 MountingHole
H4 MountingHole
H5 MountingHole
H6 MountingHole
H7 MountingHole
H8 MountingHole
E-Agle - TRT
Sheet: /
File: handcart.sch
Title: Handcart
Size: A4
Date: 2021-11-11
Rev: v2
KiCad E.D.A. kicad 5.1.10
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