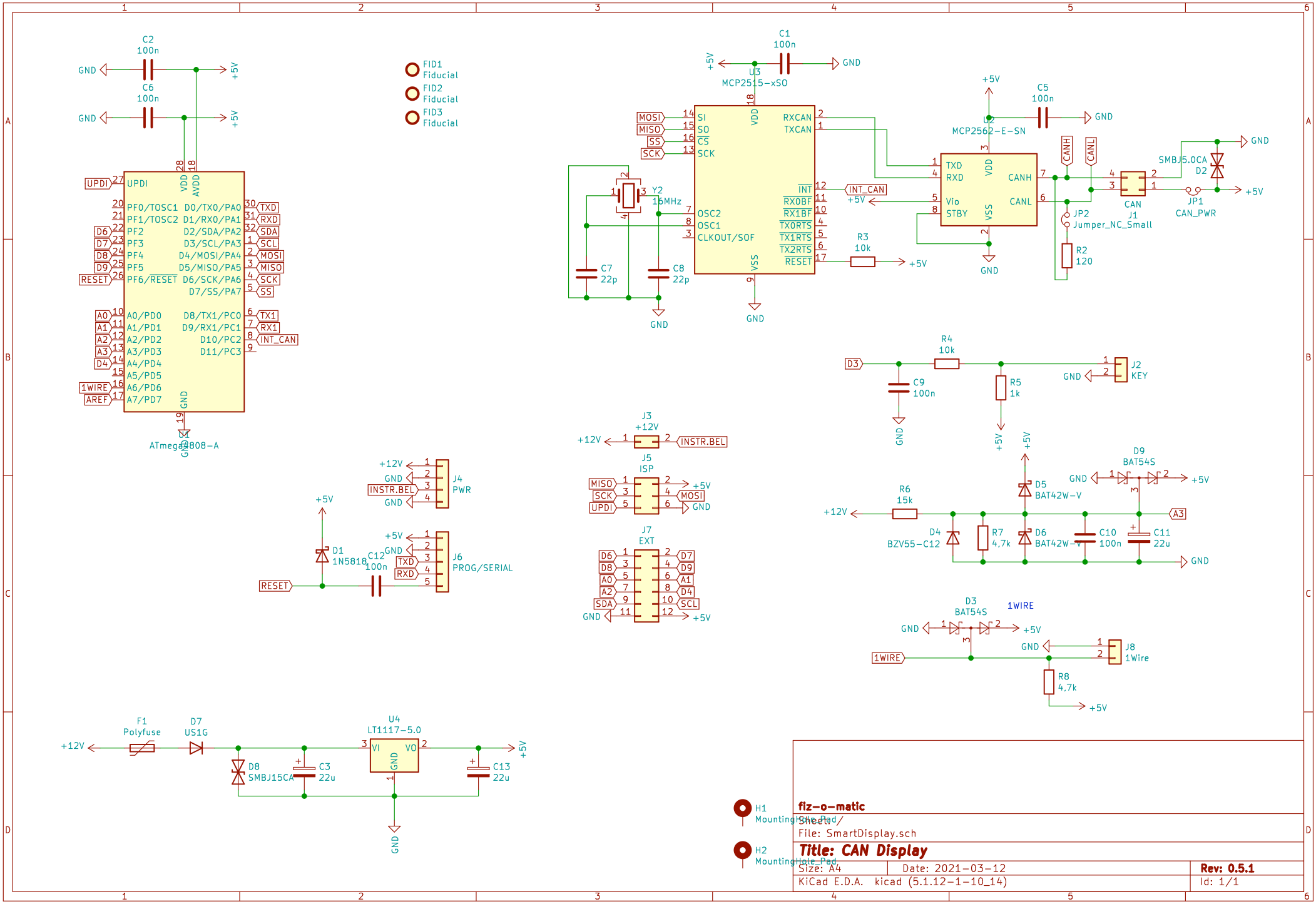
C2
100n
C6
100n
GND
+5V
FID1
Fiducial
FID2
Fiducial
FID3
Fiducial
UPDI
PF0/TOSC1
PF1/TOSC2
PF2
PF3
PF4
PF5
PF6/RESET
A0/PD0
A1/PD1
A2/PD2
A3/PD3
A4/PD4
A5/PD5
A6/PD6
A7/PD7
D0/TX0/PA0
D1/RX0/PA1
D2/SDA/PA2
D3/SCL/PA3
D4/MOSI/PA4
D5/MISO/PA5
D6/SCK/PA6
D7/SS/PA7
D8/TX1/PC0
D9/RX1/PC1
D10/PC2
D11/PC3
VDD
AVDD
GND
ATmega4808-A
C1
100n
U3
MCP2515-xSO
SI
SO
CS
SCK
OSC2
OSC1
CLKOUT/SOF
RXCAN
TXCAN
INT
RX0BF
RX1BF
TX0RTS
TX1RTS
TX2RTS
RESET
Y2
16MHz
C7
22p
C8
22p
R3
10k
INT_CAN
U2
MCP2562-E-SN
TXD
RXD
Vio
STBY
CANH
CANL
C5
100n
CAN
J1
JP2
Jumper_NC_Small
R2
120
SMBJ5.0CA
D2
JP1
CAN_PWR
R4
10k
R5
1k
C9
100n
J2
KEY
J3
+12V
INSTR.BEL
J5
ISP
MISO
SCK
UPDI
MOSI
J4
PWR
J6
PROG/SERIAL
TXD
RXD
D1
1N5818
C12
100n
RESET
J7
EXT
D6
D8
A0
A2
SDA
D7
D9
A1
D4
SCL
D9
BAT54S
D5
BAT42W-V
R6
15k
D4
BZV55-C12
R7
4,7k
D6
BAT42W-V
C10
100n
C11
22u
A3
D3
BAT54S
1WIRE
J8
1Wire
R8
4,7k
F1
Polyfuse
D7
US1G
D8
SMBJ15CA
C3
22u
U4
LT1117-5.0
VI
VO
C13
22u
H1
MountingHole_Pad
H2
MountingHole_Pad
fiz-o-matic
Sheet: /
File: SmartDisplay.sch
Title: CAN Display
Size: A4
Date: 2021-03-12
Rev: 0.5.1
KiCad E.D.A. kicad (5.1.12-1-10_14)
Id: 1/1