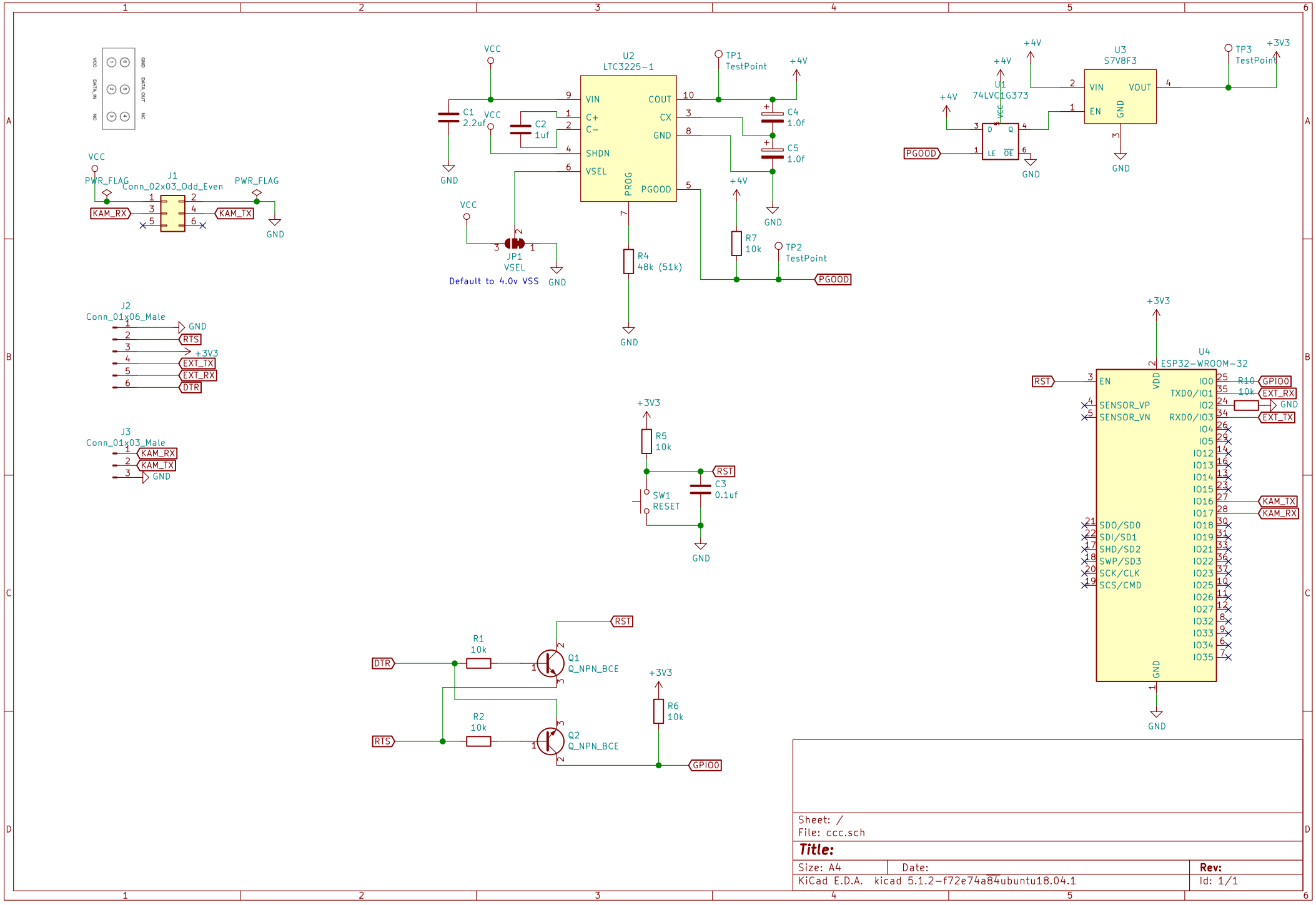
VCC
DATA_IN
NC
GND
DATA_OUT
NC
VCC
PWR_FLAG
J1
Conn_02x03_Odd_Even
PWR_FLAG
KAM_RX
KAM_TX
GND
J2
Conn_01x06_Male
GND
RTS
+3V3
EXT_TX
EXT_RX
DTR
J3
Conn_01x03_Male
KAM_RX
KAM_TX
GND
U2
LTC3225-1
VIN
C+
C-
SHDN
VSEL
COUT
CX
GND
PROG
PGOOD
C1
2.2uf
C2
1uf
C4
1.0f
C5
1.0f
TP1
TestPoint
TP2
TestPoint
JP1
VSEL
Default to 4.0v VSS
R4
48k (51k)
R7
10k
+4V
PGOOD
U1
74LVC1G373
D
Q
LE
OE
U3
S7V8F3
VIN
VOUT
EN
GND
TP3
TestPoint
+3V3
R5
10k
SW1
RESET
C3
0.1uf
RST
R1
10k
R2
10k
Q1
Q_NPN_BCE
Q2
Q_NPN_BCE
R6
10k
GPIO0
U4
ESP32-WROOM-32
EN
VDD
SENSOR_VP
SENSOR_VN
SDO/SD0
SDI/SD1
SHD/SD2
SWP/SD3
SCK/CLK
SCS/CMD
IO0
TXD0/IO1
IO2
RXD0/IO3
IO4
IO5
IO12
IO13
IO14
IO15
IO16
IO17
IO18
IO19
IO21
IO22
IO23
IO25
IO26
IO27
IO32
IO33
IO34
IO35
R10
10k
KAM_TX
KAM_RX
EXT_RX
EXT_TX
GPIO0
Sheet: /
File: ccc.sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. kicad 5.1.2-f72e74a84ubuntu18.04.1
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