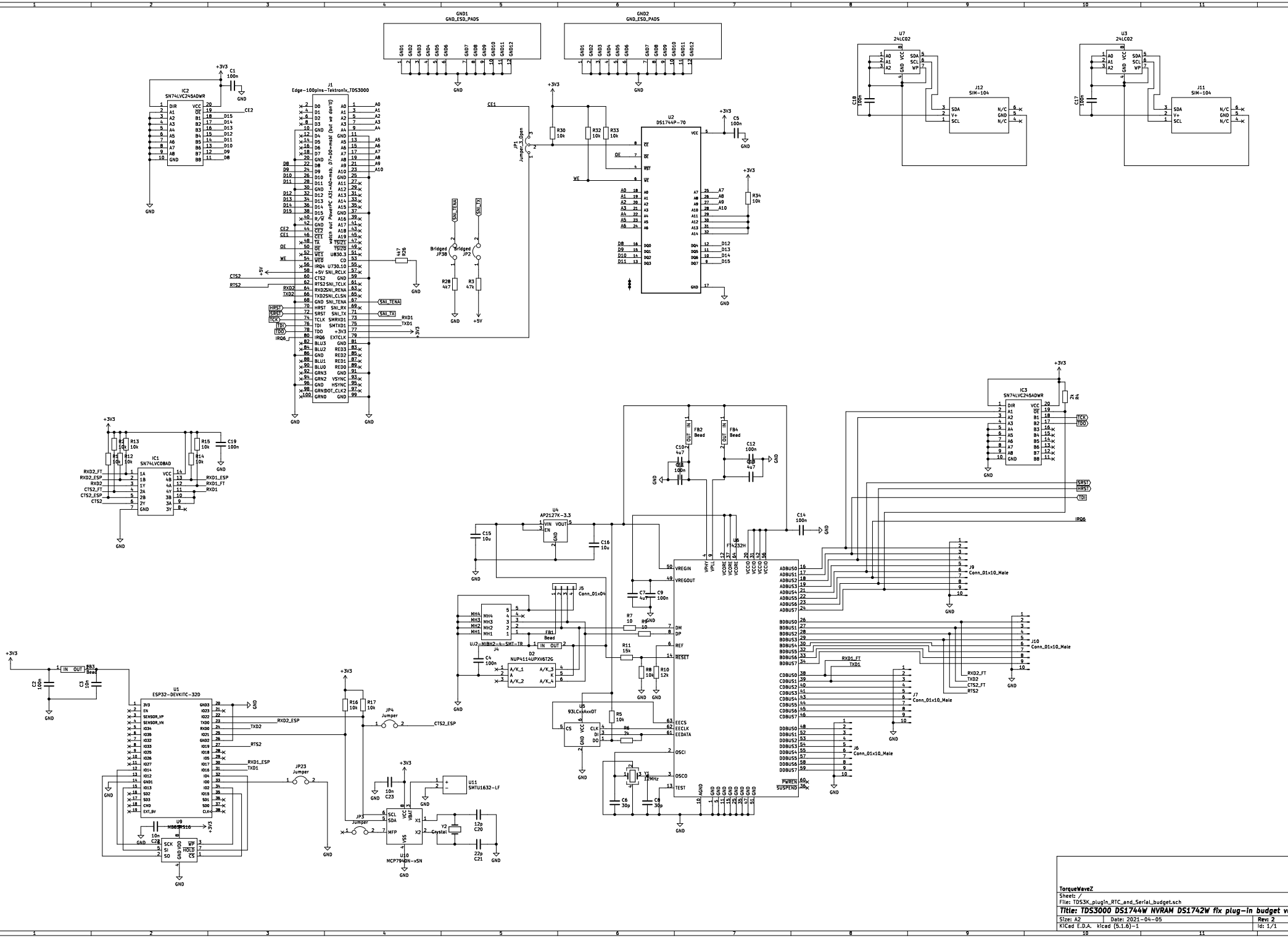
GND1
GND_ESD_PADS
GND2
GND_ESD_PADS
U7
24LC02
U3
24LC02
J12
SIM-104
J11
SIM-104
C1
100n
IC2
SN74LVC245ADWR
J1
Edge-100pins-Tektronix_TDS3000
watch out PowerPC A31-A0 mask, D7-D0 mask (but we don't)
U2
DS1744P-70
C5
100n
R30
10k
R32
10k
R33
10k
JP1
Jumper_Open
R34
10k
R26
4k7
R28
4k7
R3
47k
Bridged
JP38
Bridged
JP2
SNI_TENA
SNI_TX
IC1
SN74LVCOBAD
R11
10k
R12
10k
R13
10k
R14
10k
R15
10k
C19
100n
IC3
SN74LVC245ADWR
2k
Rx
U4
AP2127K-3.3
C15
10u
C16
10u
C14
100n
FB2
Bead
FB4
Bead
C10
4u7
C11
100n
C12
100n
C13
4u7
U6
FT4232H
J9
Conn_01x10_Male
J10
Conn_01x10_Male
J7
Conn_01x10_Male
J6
Conn_01x10_Male
J5
Conn_01x04
FB1
Bead
U12J-MIBH2-4-SMT-TR
J4
D2
NUP4114UPXV6T2G
C7
4u7
C9
100n
R7
10
R8
10k
R9
10
R10
12k
R11
15k
U5
93LC46xxOT
R5
10k
R6
2k
Y1
12MHz
C6
30p
C8
30p
C2
100n
C3
10u
FB3
Bead
U1
ESP32-DEVKITC-32D
JP4
Jumper
JP23
Jumper
JP3
Jumper
R16
10k
R17
10k
U9
M88RS16
C28
10n
C23
10n
U11
SMTU1632-LF
U10
MCP794DN-xSN
V2
Crystal
C20
12p
C21
22p
TorqueWaveZ
Sheet: /
File: TDS3K_plugIn_RTC_and_Serial_budget.sch
Title: TDS3000 DS1744W NVRAM DS1742W fix plug-in budget version
Size: A2
Date: 2021-04-05
Rev: 2
KiCad E.D.A. kicad (5.1.6)-1
Id: 1/1