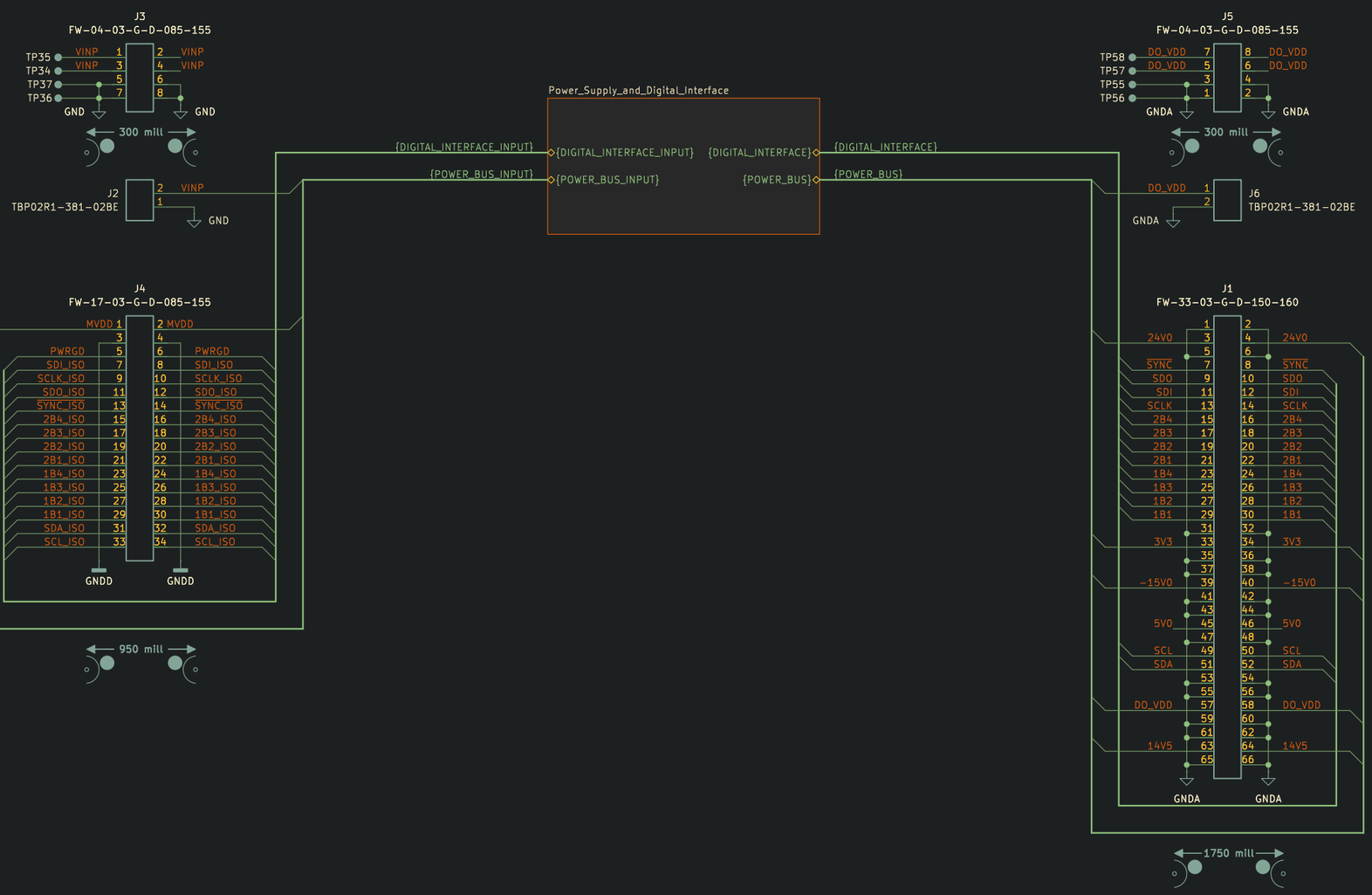

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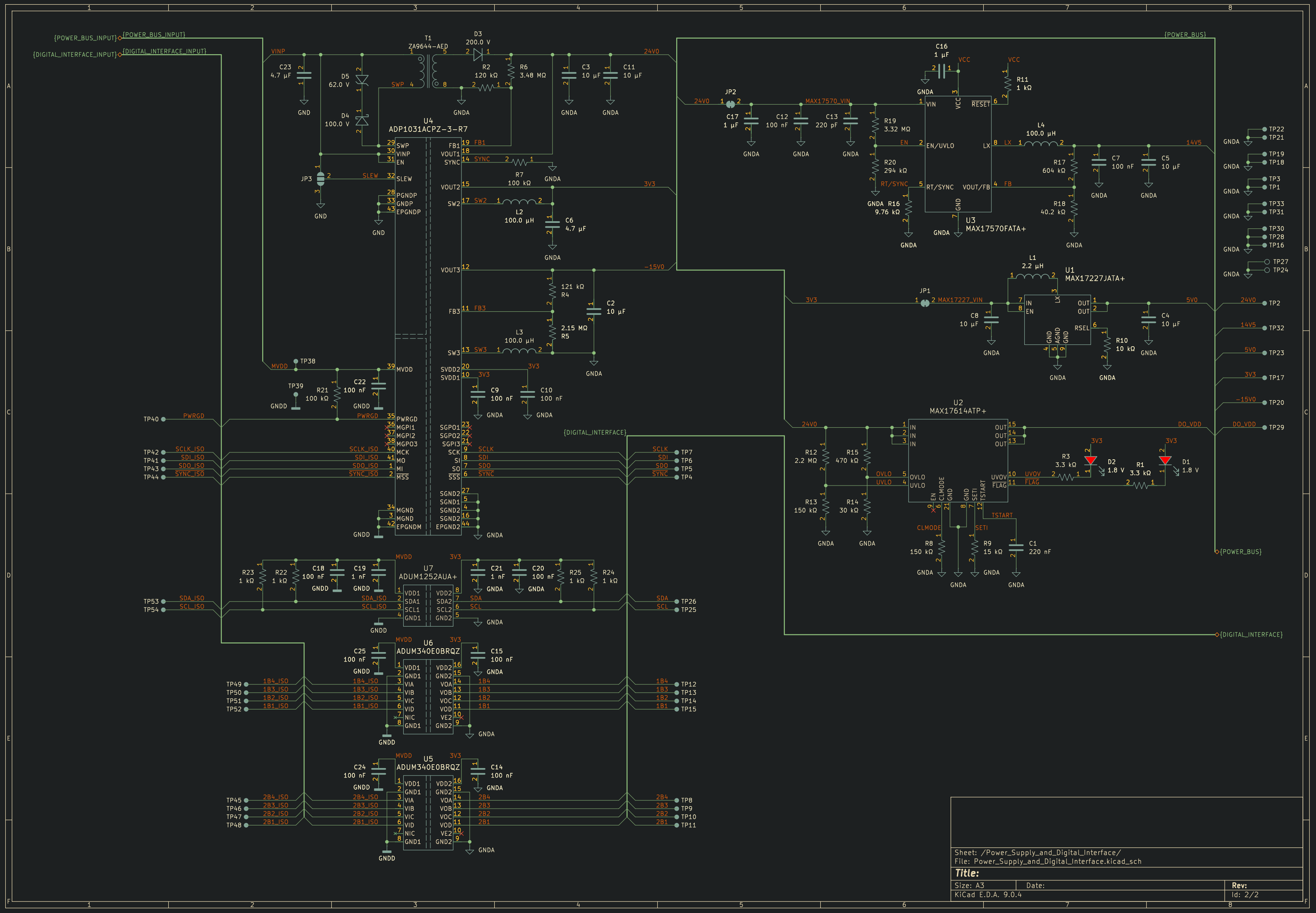
{POWER_BUS_INPUT}
{DIGITAL_INTERFACE_INPUT}
T1
ZA9644-AED
D3
200.0 V
R2
120 kΩ
R6
3.48 MΩ
C23
4.7 µF
D5
62.0 V
D4
100.0 V
C3
10 µF
C11
10 µF
U4
ADP1031ACPZ-3-R7
JP3
R7
100 kΩ
L2
100.0 µH
C6
4.7 µF
121 kΩ
R4
2.15 MΩ
R5
C2
10 µF
L3
100.0 µH
C9
100 nF
C10
100 nF
TP38
TP39
R21
100 kΩ
C22
100 nF
TP40
PWRGD
TP42
TP41
TP43
TP44
SCLK_ISO
SDI_ISO
SDO_ISO
SYNC_ISO
{DIGITAL_INTERFACE}
TP7
TP6
TP5
TP4
U7
ADUM1252AUA+
R23
1 kΩ
R22
1 kΩ
C18
100 nF
C19
1 nF
C21
1 nF
C20
100 nF
R25
1 kΩ
R24
1 kΩ
TP53
TP54
SDA_ISO
SCL_ISO
TP26
TP25
U6
ADUM340E0BRQZ
C25
100 nF
C15
100 nF
TP49
TP50
TP51
TP52
1B4_ISO
1B3_ISO
1B2_ISO
1B1_ISO
TP12
TP13
TP14
TP15
U5
ADUM340E0BRQZ
C24
100 nF
C14
100 nF
TP45
TP46
TP47
TP48
2B4_ISO
2B3_ISO
2B2_ISO
2B1_ISO
TP8
TP9
TP10
TP11
{POWER_BUS}
C16
1 µF
R11
1 kΩ
JP2
C17
1 µF
C12
100 nF
C13
220 pF
R19
3.32 MΩ
R20
294 kΩ
R16
9.76 kΩ
U3
MAX17570FATA+
L4
100.0 µH
R17
604 kΩ
R18
40.2 kΩ
C7
100 nF
C5
10 µF
TP22
TP21
TP19
TP18
TP3
TP1
TP33
TP31
TP30
TP28
TP16
TP27
TP24
L1
2.2 µH
U1
MAX17227JATA+
JP1
C8
10 µF
C4
10 µF
R10
10 kΩ
TP2
TP32
TP23
TP17
TP20
TP29
U2
MAX17614ATP+
R12
2.2 MΩ
R15
470 kΩ
R13
150 kΩ
R14
30 kΩ
R3
3.3 kΩ
D2
1.8 V
R1
3.3 kΩ
D1
1.8 V
R8
150 kΩ
R9
15 kΩ
C1
220 nF
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