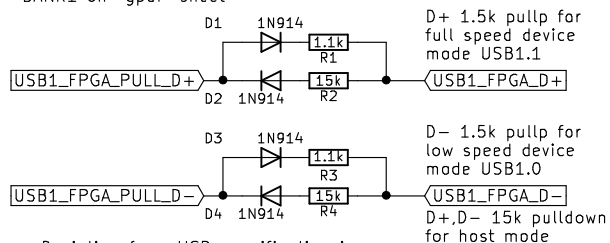
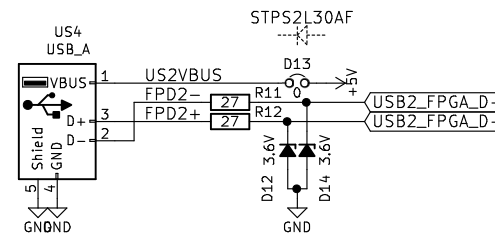


D5,D7: Schottky 2A/30V
Low drop $V_{fmax}=0.375V$
Parts reduction: Only D5 is required.
D6, D13 can be 1206
1A polyfuses or 0-ohm/2A jumpers

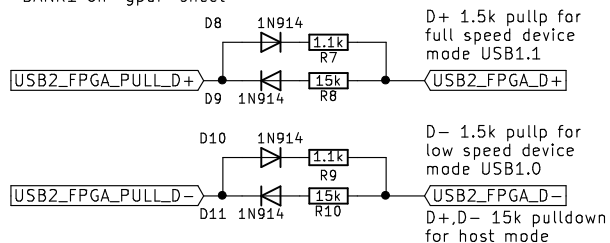
USB pull lines connected to
BANK1 on "gpd1" sheet



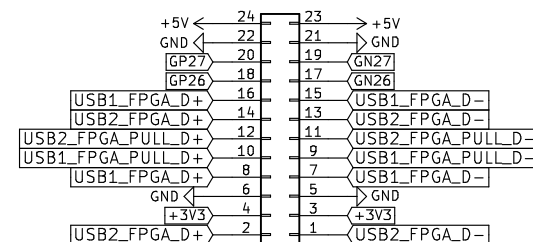
Deviation from USB specification in
pulldowns for BOM simplification.
With series diode, correct value R2 R4
should be 12k but 15k is used.



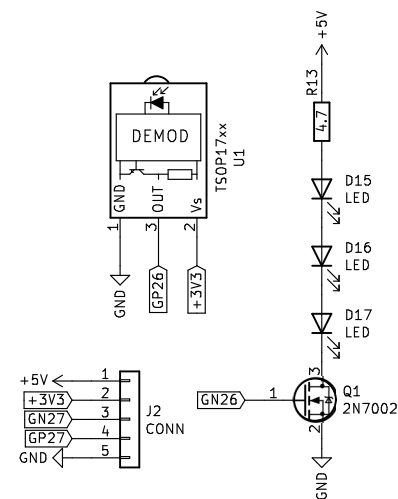
USB pull lines connected to
BANK1 on "gpd1" sheet



D+ 1.5k pullup for
full speed device
mode USB1.1
D- 1.5k pullup for
low speed device
mode USB1.0
D+,D- 15k pulldown
for host mode



Conn_02x12_Odd_Even
J1



Sheet: /
File: USB.sch

Title:

Size: A4 Date:
KiCad E.D.A. kicad 5.1.6+dfsg1-1bpo10+1

Rev:
Id: 1/1