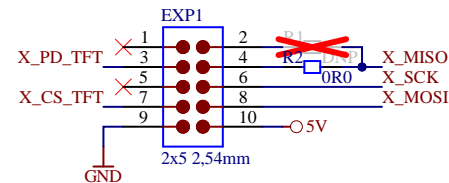


Connector to Printer



Pinout optimised for Fysetc Cheetah

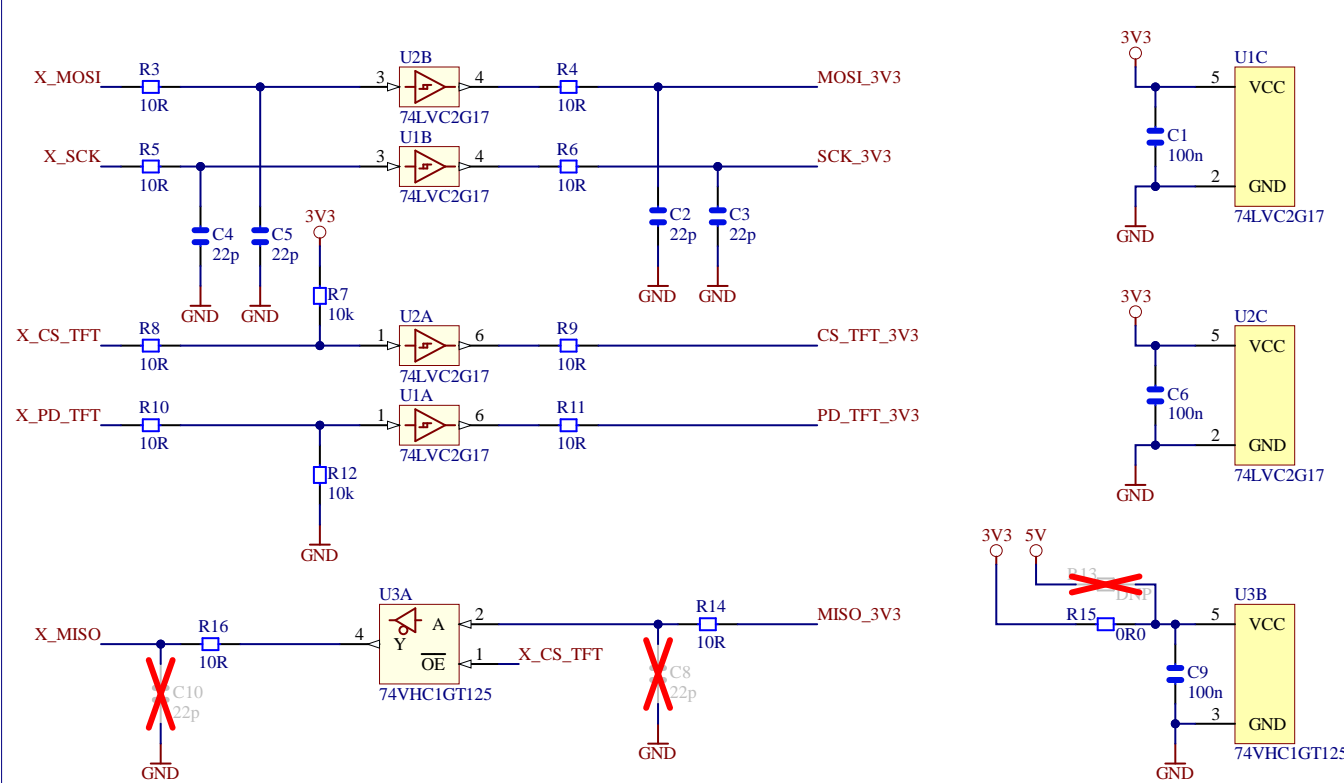
For the stock CR-10/Ender-3 board, remove R2 and populate R1

Note: many boards have the pins in the wrong order with a false numeration.

For example the CR-10/Ende3r-3/SKR mini E3 board shows VCC on pin 1 and GND on pin 2 while the connector is populated rotated by 180° and therefore actually having VCC on pin 10 and GND on pin 9. Others like the Fysetc Cheetah use the correct numeration and while on a quick glance it appears that they use a different pinout for the EXP1 header than the stock Ende3r-3 board it really is the same.

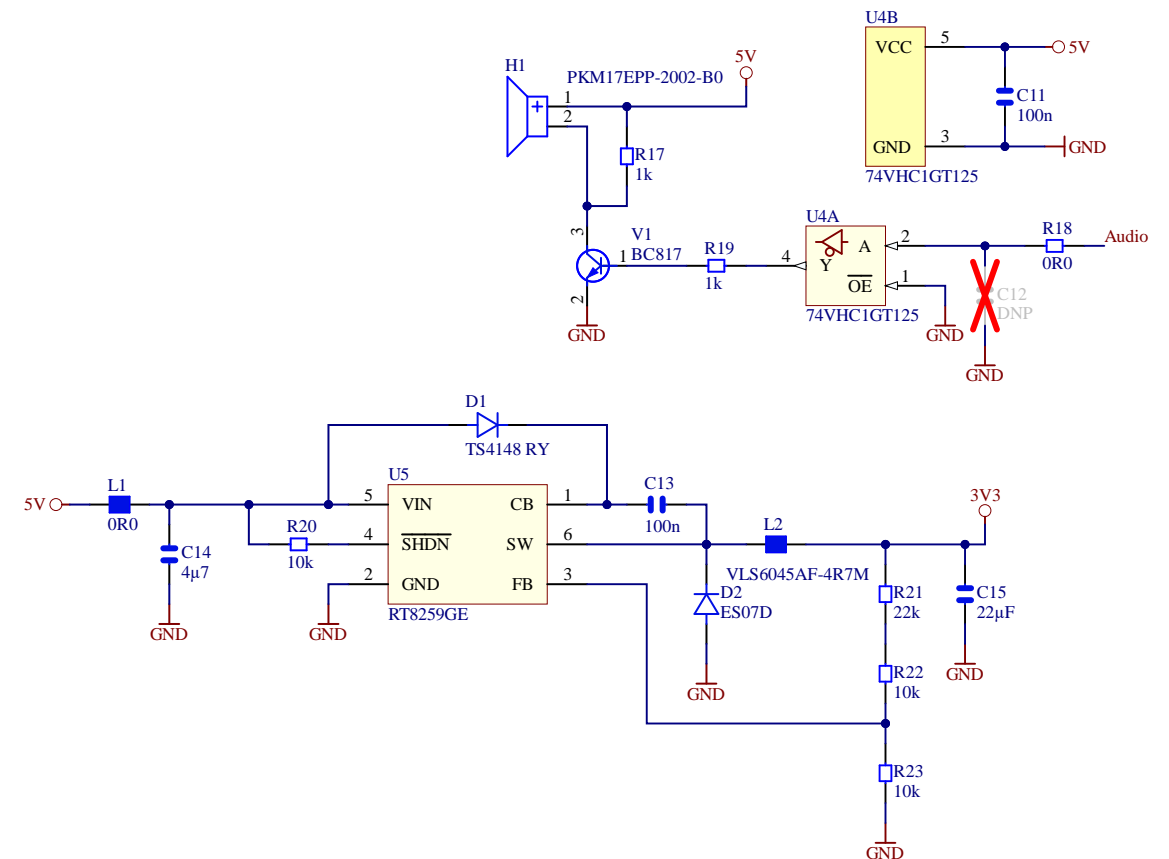
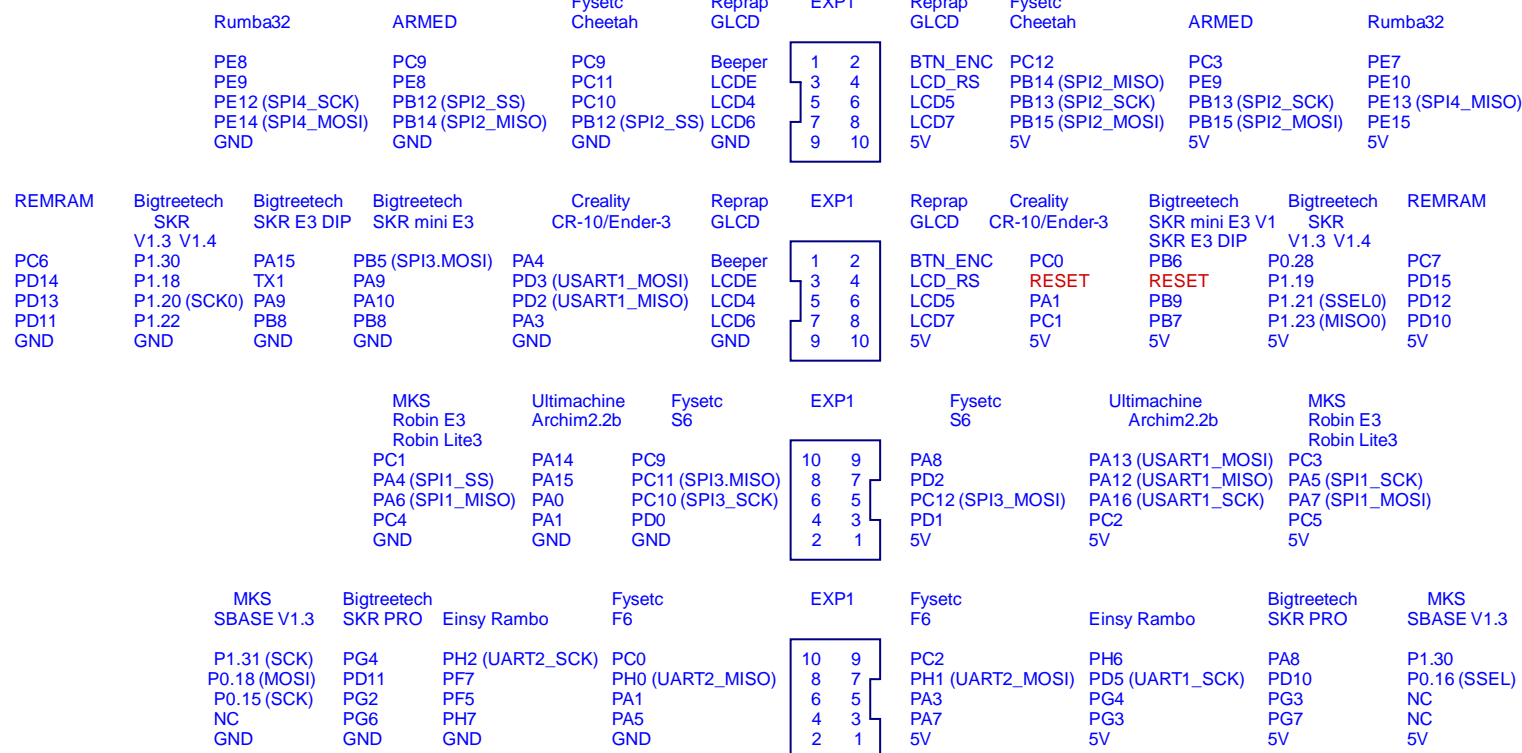
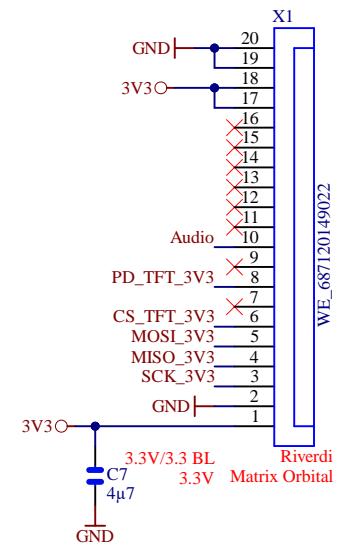
And others like the MKS Robin E3 have the connector rotated while keeping the correct numeration.

Level-Shifter 5V or 3,3V I/O from printer-controller to 3,3V I/O for the display



Display-Connector

not mirrored
-> for use with FCC cable with connections on opposite sides



Project: EVE Display-Adapter
Version, Revision: Matrix Orbital / Riverdi , 04
Date: 2020-05
Copyright: Rudolph Riedel
Licence: MIT

05019-01-04

EXP1

L1

C14

R20

D2

C13

U5

D1

L2

R23

R21

R22

C15

R17

H1

C11

R19

U4

U1

R18

C12

MTG2

MTG1

X1

R1

R2

C4

R5

R12

R10

C10

R16

R3

C5

R8

R7

R13

C9

U1

C1

U3

U2

C6

R6

C3

R14

C8

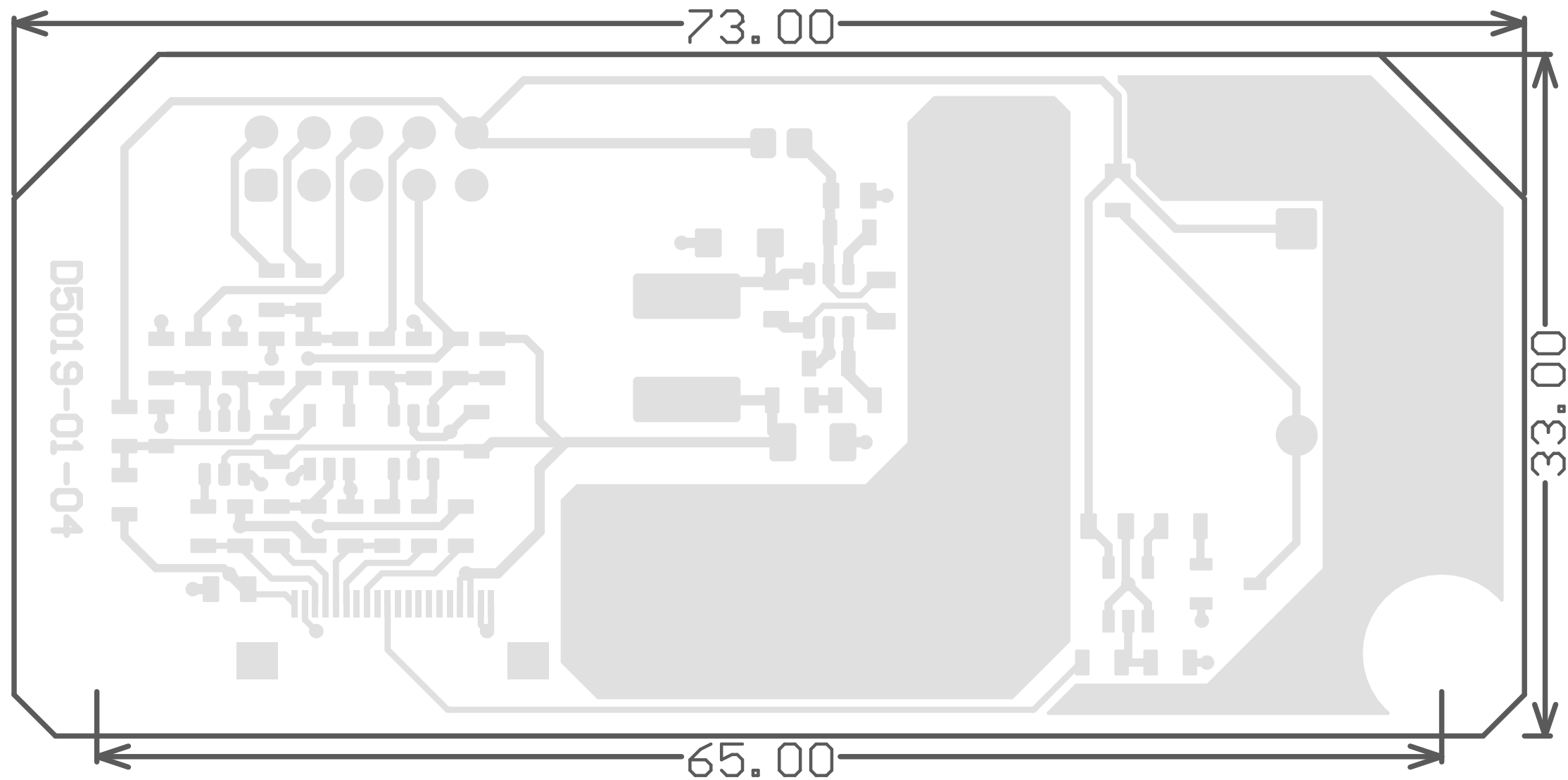
C2

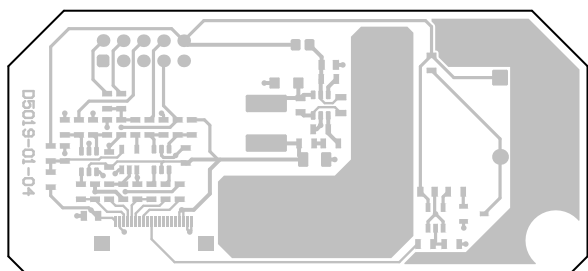
R4

R9

R11

C7





D5019-01-04

MTG1

