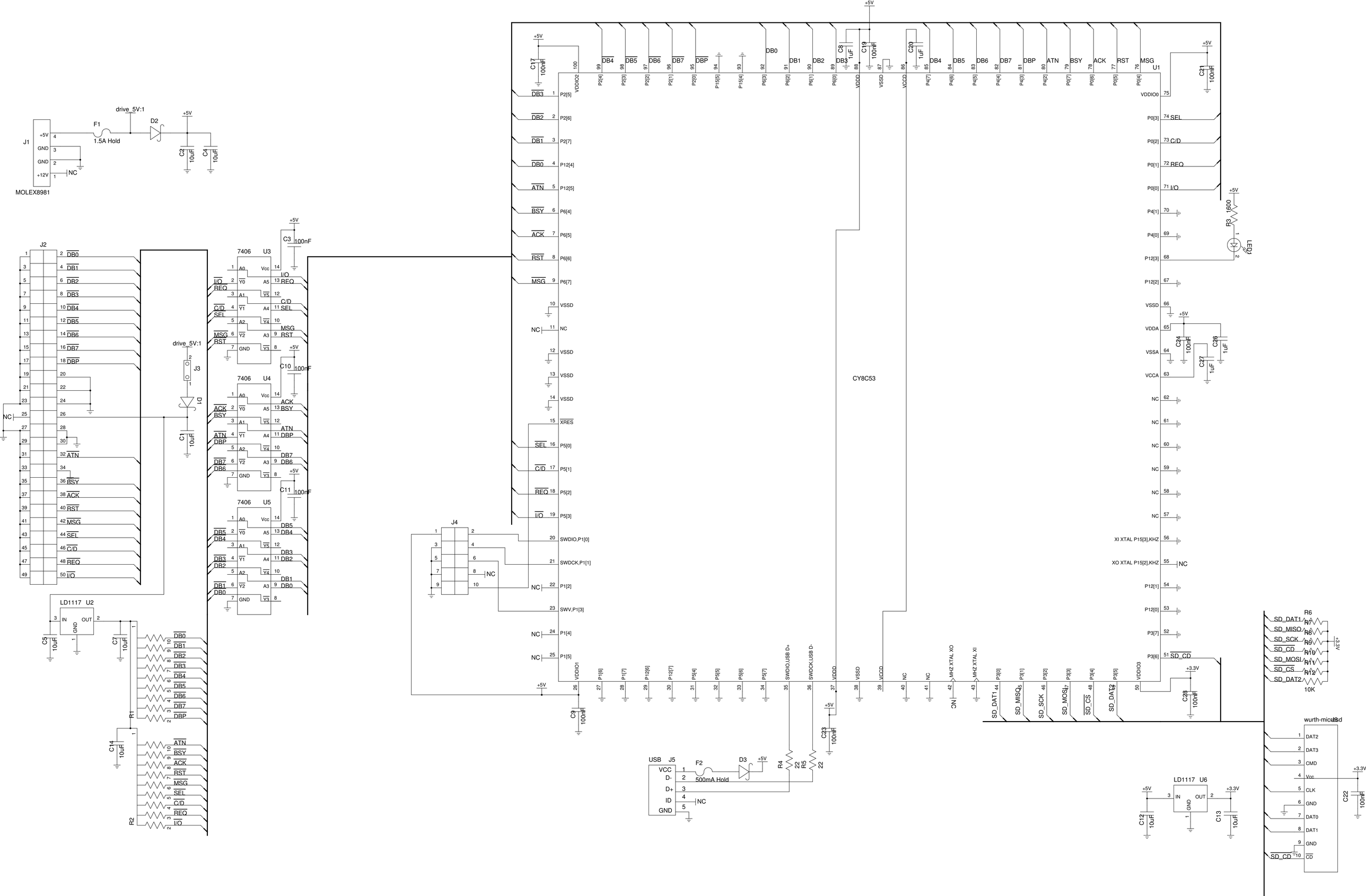
J1
MOLEX8981
+5V
GND
GND
+12V
NC
F1
1.5A Hold
drive_5V:1
D2
C2 10uF
C4 10uF
J2
J3
D1
C1 10uF
7406 U3
7406 U4
7406 U5
C3 100nF
C10 100nF
C11 100nF
LD1117 U2
IN
OUT
GND
C5 10uF
C7 10uF
C14 10uF
R1
R2
CY8C53
C17 100nF
C8 1uF
C19 100nF
C20 1uF
C21 100nF
U1
R3 1600
LED3
C24 100nF
C26 1uF
C27 1uF
J4
SWDIO,P1[0]
SWDCK,P1[1]
C9 100nF
C23 100nF
USB J5
VCC
D-
D+
ID
GND
F2
500mA Hold
D3
R4 22
R5 22
SWDIO,USB D+
SWDCK,USB D-
MHZ XTAL XO
MHZ XTAL XI
SD_DAT1
SD_MISO
SD_SCK
SD_MOSI
SD_CS
SD_DAT2
SD_CD
C28 100nF
R6
R7
R8
R9
R10
R11
R12
10K
+3.3V
wurth-micro-sd
DAT2
DAT3
CMD
Vcc
CLK
GND
DAT0
DAT1
GND
CD
C22 100nF
LD1117 U6
C12 10uF
C13 10uF