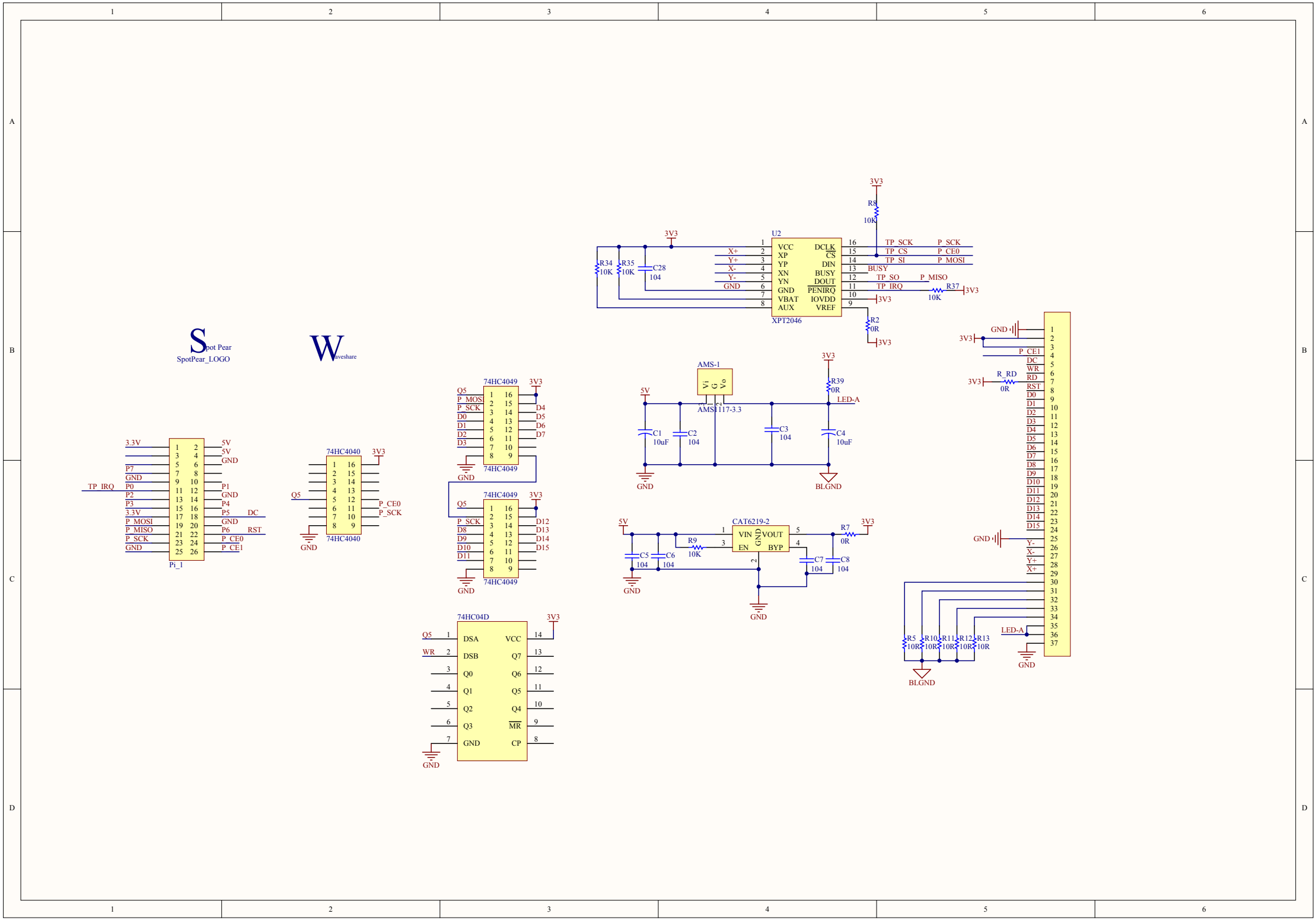

Spot Pear
SpotPear_LOGO
Waveshare
Pi_1
3.3V
5V
GND
P7
P0
P1
P2
P3
P4
P5
P6
TP_IRQ
DC
RST
P_MOSI
P_MISO
P_SCK
P_CE0
P_CE1
74HC4040
Q5
P_CE0
P_SCK
74HC4049
D0
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
D15
74HC04D
DSA
DSB
Q0
Q1
Q2
Q3
VCC
Q7
Q6
Q5
Q4
MR
CP
WR
U2
XPT2046
VCC
XP
YP
XN
YN
GND
VBAT
AUX
DCLK
CS
DIN
BUSY
DOUT
PENIRQ
IOVDD
VREF
X+
Y+
X-
Y-
TP_SCK
TP_CS
TP_SI
TP_SO
TP_IRQ
P_SCK
P_CE0
P_MOSI
P_MISO
R34
10K
R35
10K
C28
104
R8
10K
R37
10K
R2
0R
AMS-1
AMS1117-3.3
Vi
G
Vo
R39
0R
LED-A
C1
10uF
C2
104
C3
104
C4
10uF
BLGND
CAT6219-2
VIN
VOUT
EN
BYP
R9
10K
R7
0R
C5
104
C6
104
C7
104
C8
104
R_RD
0R
R5
10R
R10
10R
R11
10R
R12
10R
R13
10R
3V3