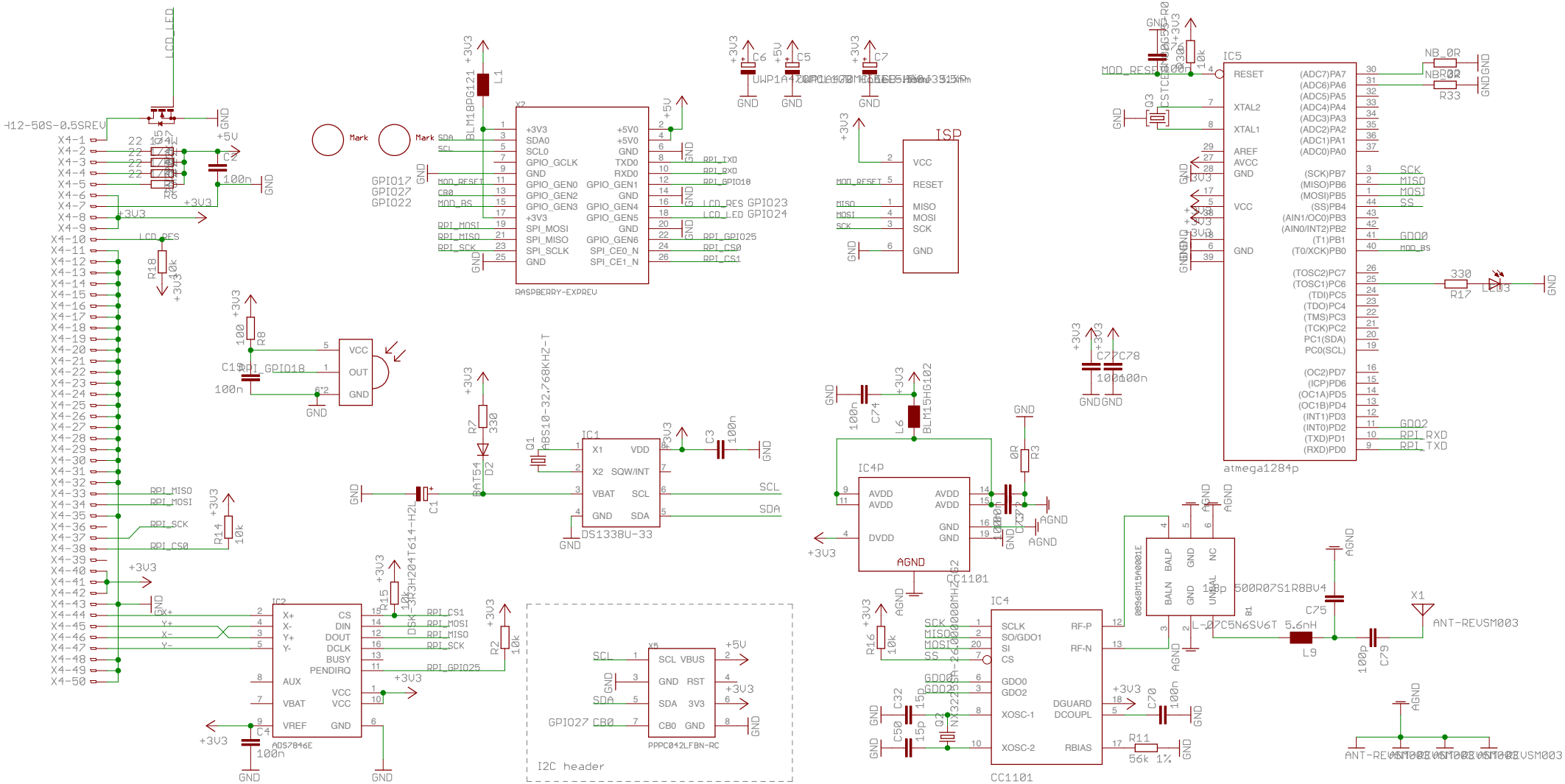
LCD_LED
H12-50S-0.5SREV
X4-1
X4-2
X4-3
X4-4
X4-5
X4-6
X4-7
X4-8
X4-9
X4-10
X4-11
X4-12
X4-13
X4-14
X4-15
X4-16
X4-17
X4-18
X4-19
X4-20
X4-21
X4-22
X4-23
X4-24
X4-25
X4-26
X4-27
X4-28
X4-29
X4-30
X4-31
X4-32
X4-33
X4-34
X4-35
X4-36
X4-37
X4-38
X4-39
X4-40
X4-41
X4-42
X4-43
X4-44
X4-45
X4-46
X4-47
X4-48
X4-49
X4-50
LCD_RES
RPI_MISO
RPI_MOSI
RPI_SCK
RPI_CS0
X+
Y+
X-
Y-
Mark
Mark
SDA
SCL
GPIO17
GPIO27
GPIO22
MOD_RESET
CB0
MOD_BS
RPI_MOSI
RPI_MISO
RPI_SCK
RPI_GPIO18
RASPBERRY-EXPREV
X2
+3V3
SDA0
SCL0
GPIO_GCLK
GND
GPIO_GEN0
GPIO_GEN2
GPIO_GEN3
+3V3
SPI_MOSI
SPI_MISO
SPI_SCLK
GND
+5V0
+5V0
GND
TXD0
RXD0
GPIO_GEN1
GND
GPIO_GEN4
GPIO_GEN5
GND
GPIO_GEN6
SPI_CE0_N
SPI_CE1_N
RPI_TXD
RPI_RXD
RPI_GPIO18
LCD_RES
LCD_LED
RPI_GPIO25
RPI_CS0
RPI_CS1
GPIO23
GPIO24
ISP
VCC
RESET
MISO
MOSI
SCK
GND
IC5
atmega1284p
RESET
XTAL2
XTAL1
AREF
AVCC
GND
VCC
GND
(ADC7)PA7
(ADC6)PA6
(ADC5)PA5
(ADC4)PA4
(ADC3)PA3
(ADC2)PA2
(ADC1)PA1
(ADC0)PA0
(SCK)PB7
(MISO)PB6
(MOSI)PB5
(SS)PB4
(AIN1/OC0)PB3
(AIN0/INT2)PB2
(T1)PB1
(T0/XCK)PB0
(TOSC2)PC7
(TOSC1)PC6
(TDI)PC5
(TDO)PC4
(TMS)PC3
(TCK)PC2
PC1(SDA)
PC0(SCL)
(OC2)PD7
(ICP)PD6
(OC1A)PD5
(OC1B)PD4
(INT1)PD3
(INT0)PD2
(TXD)PD1
(RXD)PD0
SCK
MISO
MOSI
SS
GDO0
MOD_BS
GDO2
RPI_RXD
RPI_TXD
NB_0R
NBR02
R33
R17
LED3
MOD_RESET
Q3
CSTCE16M0V53-R0
IC1
DS1338U-33
X1
VDD
X2
SQW/INT
VBAT
SCL
GND
SDA
SCL
SDA
Q1
ABS10-32.768KHZ-T
C3
100n
R7
330
D2
BAT54
C1
R8
100
VCC
OUT
GND
C19
100n
IC2
ADS7846E
X+
X-
Y+
Y-
CS
DIN
DOUT
DCLK
BUSY
PENDIRQ
AUX
VBAT
VREF
VCC
VCC
GND
RPI_CS1
RPI_MOSI
RPI_MISO
RPI_SCK
RPI_GPIO25
R15
10k
R2
10k
C4
100n
X5
PPPC042LFBN-RC
SCL
GND
SDA
GPIO27
SCL
VBUS
GND
RST
SDA
3V3
CB0
GND
I2C header
IC4P
CC1101
AVDD
AVDD
DVDD
AVDD
AVDD
GND
GND
AGND
L6
BLM15HG102
C74
100n
R3
0R
C77
100n
C78
100n
IC4
CC1101
SCLK
SO/GDO1
SI
CS
GDO0
GDO2
XOSC-1
XOSC-2
RF-P
RF-N
DGUARD
DCOUPL
RBIAS
SCK
MISO
MOSI
SS
GDO0
GDO2
R16
10k
C32
15p
C50
15p
Q4
NX3225GA-26.000000MHZ-C2
C70
100n
R11
56k 1%
BALP
BALN
GND
GND
NC
UNBAL
L-07C5N6SV6T
500R07S1R8BV4
5.6nH
L9
C75
100p
C79
X1
ANT-REVSM003
AGND