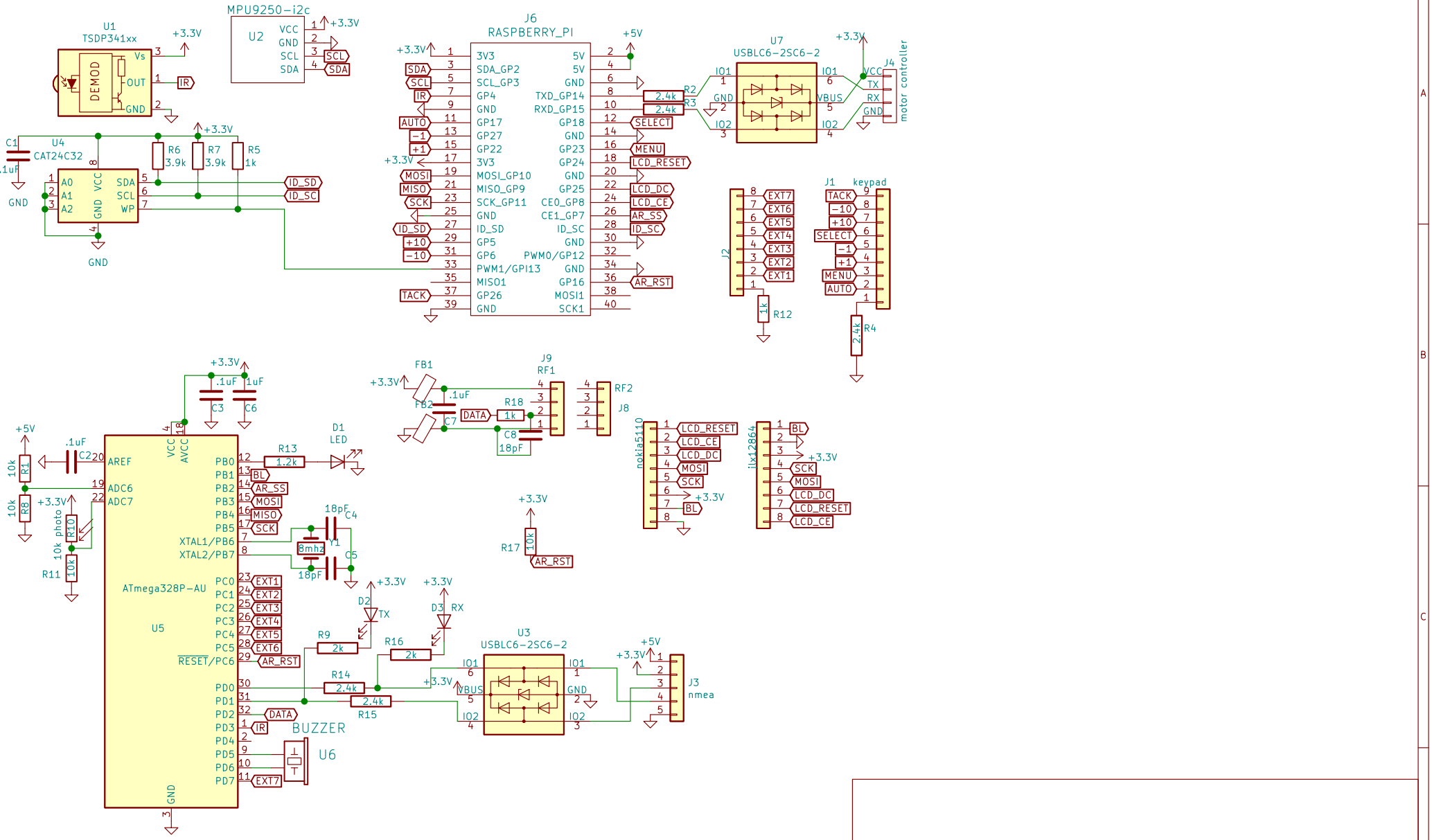
U1
TSDP341xx
DEMOD
Vs
OUT
GND
IR
+3.3V
MPU9250-i2c
U2
VCC
GND
SCL
SDA
J6
RASPBERRY_PI
3V3
SDA_GP2
SCL_GP3
GP4
GND
GP17
GP27
GP22
3V3
MOSI_GP10
MISO_GP9
SCK_GP11
GND
ID_SD
GP5
GP6
PWM1/GPI13
MISO1
GP26
GND
5V
5V
GND
TXD_GP14
RXD_GP15
GP18
GND
GP23
GP24
GND
GP25
CE0_GP8
CE1_GP7
ID_SC
GND
PWM0/GP12
GND
GP16
MOSI1
SCK1
SDA
SCL
IR
AUTO
-1
+1
MOSI
MISO
SCK
ID_SD
+10
-10
TACK
SELECT
MENU
LCD_RESET
LCD_DC
LCD_CE
AR_SS
ID_SC
AR_RST
U7
USBLC6-2SC6-2
IO1
GND
IO2
VBUS
J4
VCC
TX
RX
GND
motor controller
R2
2.4k
R3
2.4k
U4
CAT24C32
A0
A1
A2
GND
VCC
SDA
SCL
WP
C1
.1uF
R6
3.9k
R7
3.9k
R5
1k
ID_SD
ID_SC
J2
EXT7
EXT6
EXT5
EXT4
EXT3
EXT2
EXT1
R12
1k
J1
keypad
TACK
-10
+10
SELECT
-1
+1
MENU
AUTO
R4
2.4k
FB1
FB2
.1uF
C7
DATA
R18
1k
C8
18pF
J9
RF1
RF2
J8
nokia5110
LCD_RESET
LCD_CE
LCD_DC
MOSI
SCK
BL
ilx12864
SCK
MOSI
LCD_DC
LCD_RESET
LCD_CE
R17
10k
AR_RST
U5
ATmega328P-AU
AREF
AVCC
ADC6
ADC7
PB0
PB1
PB2
PB3
PB4
PB5
XTAL1/PB6
XTAL2/PB7
PC0
PC1
PC2
PC3
PC4
PC5
RESET/PC6
PD0
PD1
PD2
PD3
PD4
PD5
PD6
PD7
C3
.1uF
C6
1uF
C2
.1uF
R1
10k
R8
10k
R10
10k photo
R11
10k
R13
1.2k
D1
LED
C4
18pF
Y1
8mhz
C5
18pF
D2
TX
D3
RX
R9
2k
R16
2k
R14
2.4k
R15
2.4k
BUZZER
U6
U3
USBLC6-2SC6-2
J3
nmea
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