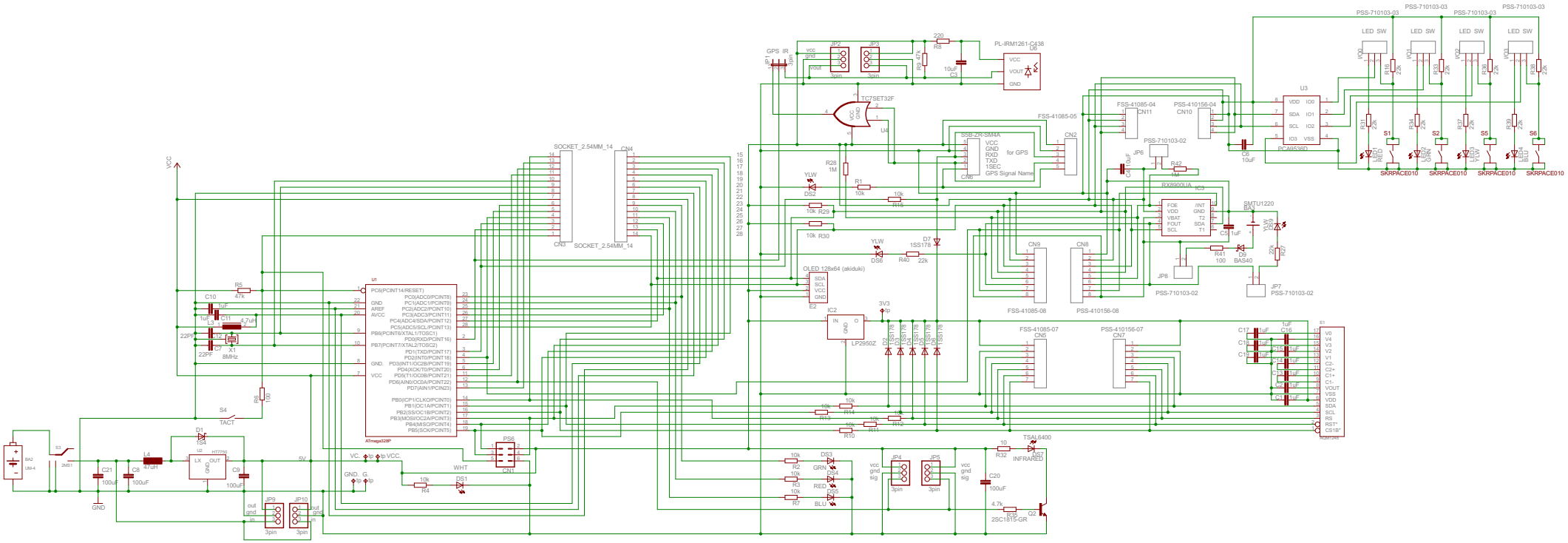
mega328_oled_iic_test
2022/12/19 Taishi
U1
ATmega328P
PC6(PCINT14/RESET)
PC0(ADC0/PCINT8)
GND
PC1(ADC1/PCINT9)
AREF
PC2(ADC2/PCINT10)
AVCC
PC3(ADC3/PCINT11)
PC4(ADC4/SDA/PCINT12)
PC5(ADC5/SCL/PCINT13)
PB6(PCINT6/XTAL1/TOSC1)
PD0(RXD/PCINT16)
PB7(PCINT7/XTAL2/TOSC2)
PD1(TXD/PCINT17)
PD2(INT0/PCINT18)
GND.
PD3(INT1/OC2B/PCINT19)
PD4(XCK/T0/PCINT20)
VCC
PD5(T1/OC0B/PCINT21)
PD6(AIN0/OC0A/PCINT22)
PD7(AIN1/PCINT23)
PB0(ICP1/CLKO/PCINT0)
PB1(OC1A/PCINT1)
PB2(SS/OC1B/PCINT2)
PB3(MOSI/OC2A/PCINT3)
PB4(MISO/PCINT4)
PB5(SCK/PCINT5)
SOCKET_2.54MM_14
CN3
CN4
CN1
PS6
OLED 128x64 (akiduki)
SDA
SCL
VCC
GND
E2
IC2
LP2950Z
IN
OUT
GND
U2
HT7750
LX
OUT
GND
L4
47uH
C21
100uF
C8
100uF
C9
100uF
GND
VCC
5V
S1
2MS1
BA2
LM-4
S4
TACT
D1
1SS4
R5
47k
C10
1uF
C11
1uF
L3
4.7uH
C12
22PF
C7
22PF
X1
8MHz
R6
100
JP9
JP10
out
gnd
in
3pin
GPS IR
C1
1uF
R8
1M
JP2
JP3
vcc
gnd
vout
3pin
R9
220
R3
10uF
C3
PL-IRM1261-C438
U6
VCC
VOUT
GND
TC7SET32F
U4
R28
1M
R1
10k
YLW
DS2
10k R29
10k R30
R15
10k
YLW
DS6
R40
22k
D7
1SS178
SSB-ZR-SM4A
VCC
GND
RXD
TXD
1SEC
GPS Signal Name
for GPS
CN6
CN2
FSS-41085-05
FSS-41085-04
CN11
PSS-410156-04
CN10
PSS-710103-02
JP6
C4
10uF
R42
1M
RX8900UA
IC3
FOE
VDD
VBAT
FOUT
SCL
/INT
GND
T2
SDA
T1
C5
1uF
SMTU1220
BA3
YLW
D8
R41
100
D9
BAS40
R27
20k
JP8
JP7
PSS-710103-02
CN9
CN8
FSS-41085-08
PSS-410156-08
FSS-41085-07
CN5
PSS-410156-07
CN7
D2
1SS178
D3
1SS178
D4
1SS178
D5
1SS178
D6
1SS178
R14
10k
R13
10k
R12
10k
R11
10k
R10
10k
R2
10k
R3
10k
R7
10k
DS3
GRN
DS4
RED
DS5
BLU
JP4
JP5
3pin
vcc
gnd
sig
C20
100uF
R32
10
TSAL6400
DS0
INFRARED
R35
4.7k
2SC1815-GR
Q2
R4
10k
WHT
DS1
U3
VDD
SDA
SCL
IO3
IO0
IO1
IO2
VSS
PCA9536D
C6
10uF
PSS-710103-03
LED SW
R18
22k
R33
22k
R36
22k
R39
22k
R34
22k
R37
22k
R38
22k
S1
S2
S5
S6
LED1
LED2
LED3
LED4
SKRPACE010
C17
1uF
C18
1uF
C19
1uF
C13
1uF
C14
1uF
C15
1uF
C16
1uF
C11
1uF
C12
1uF
C10
1uF
C9
1uF
C8
1uF
C7
1uF
C6
1uF
C5
1uF
C4
1uF
C3
1uF
C2
1uF
C1
1uF
CN11
V0
V4
V3
V2
V1
C2-
C2+
C1+
C1-
VOUT
VSS
VDD
SDA
SCL
RS
RST*
CS1B*
OLED128