USBC

TEST BTN

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BUZZER

LED1  LED2

HL-608H2064WC-HO_4000k

ATMEGA644PA-AU

U1

ICSP

VIN.6V6.5V

MONITOR

CURRENT VOLTAGE

1+
1-
2+
2-
3+
3-

GND

PA5/ADC6

PA4/ADC4

PC2

5V MOSI SCK RES
MISO SCK RES

DISPLAY

5V GND SCK MOSI RD CS RES

EXT
INPUT

VOUT
DCDC
SEL

VOUT

VOUT

TP1  TP2  TP3

TP1 TP2 TP3

H2

I2C I2C FREQ
SDA SCL COUNTR

I2C
SCL
SDA

BATT-PORT

SW1=TEST-BTN-OFF-ON

USB-OUT