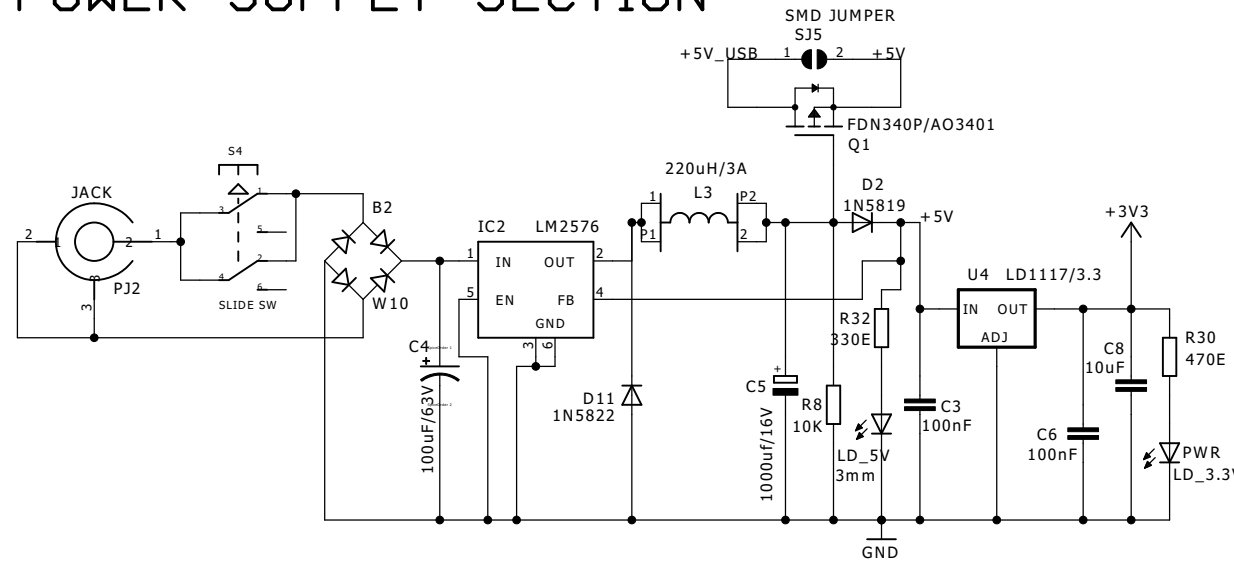
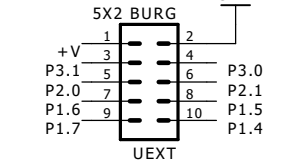
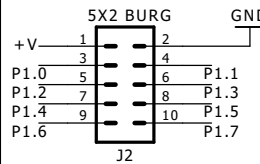
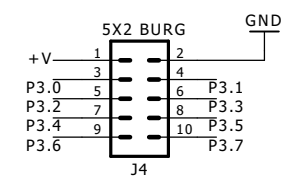
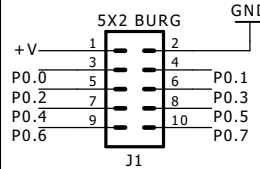
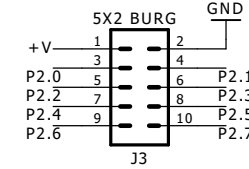
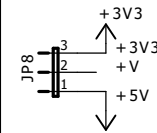


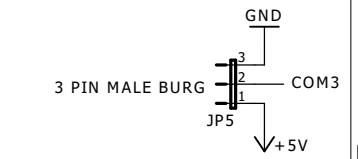
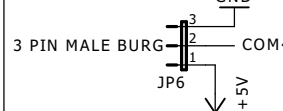
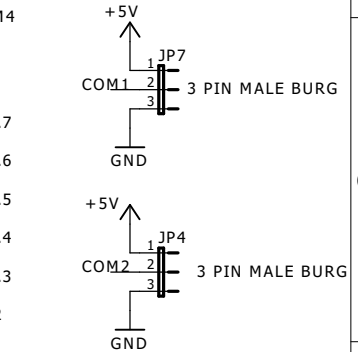
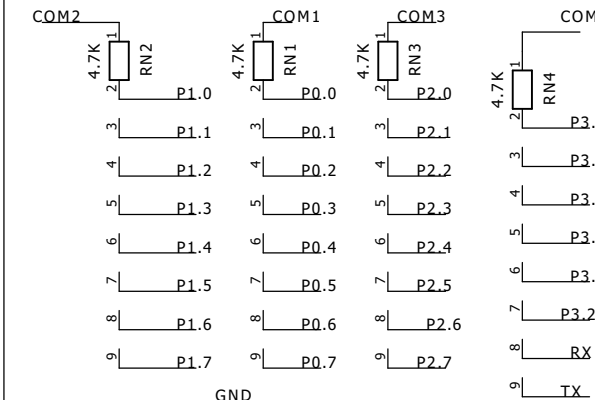
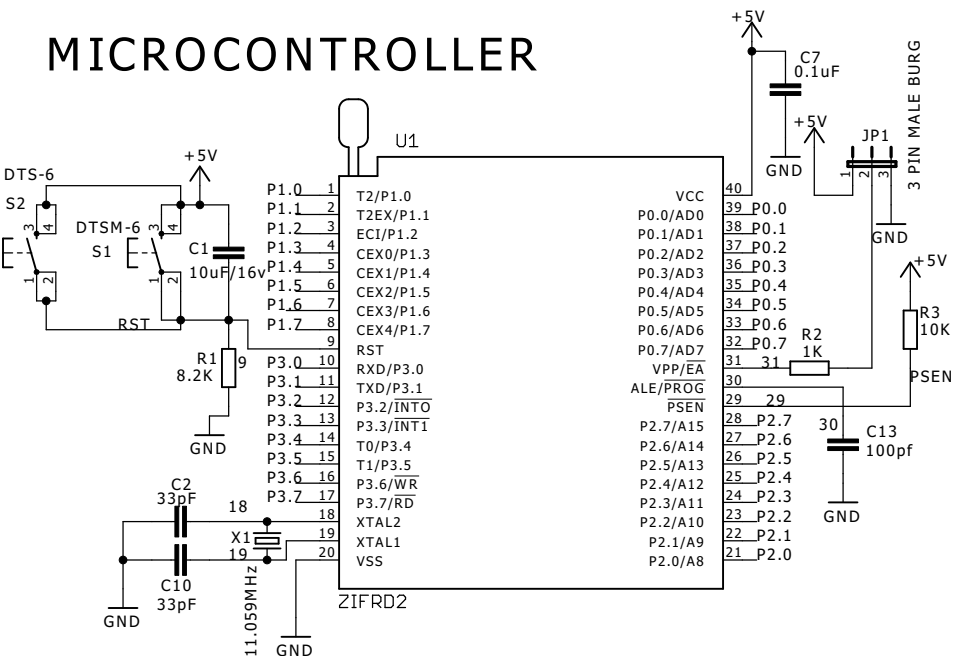
# POWER SUPPLY SECTION



3 PIN MALE BURG



# MICROCONTROLLER



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SYSTEMS

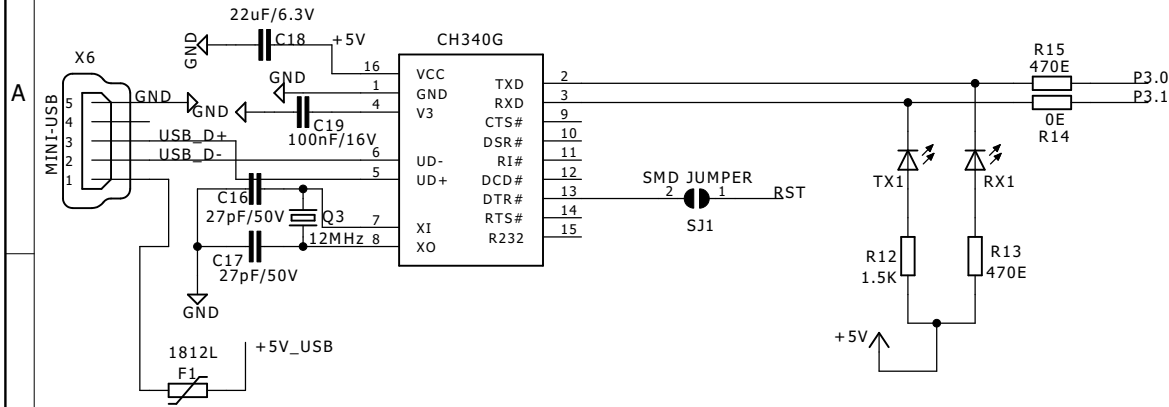
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## USB TO UART



## LCD & 7 SEGMENT DISPLAY TSW-LCD&SSD

LCD-7SEGMENT-15	— +V	LCD-7SEGMENT-16	— GND
LCD-7SEGMENT-13	— P0.0	LCD-7SEGMENT-14	— P0.1
LCD-7SEGMENT-11	— P0.2	LCD-7SEGMENT-12	— P0.3
LCD-7SEGMENT-9	— P0.4	LCD-7SEGMENT-10	— P0.5
LCD-7SEGMENT-7	— P0.6	LCD-7SEGMENT-8	— P0.7
LCD-7SEGMENT-5	— P1.0	LCD-7SEGMENT-6	— P1.1
LCD-7SEGMENT-3	— P1.2	LCD-7SEGMENT-4	— P1.3
LCD-7SEGMENT-1	— P1.4	LCD-7SEGMENT-2	— P1.5

## DC MOTOR & 4\*4 KEYPAD TSW-DC MOTOR\_4\*4 KEYPAD

DCMOTOR_4*4KEYPAD-15	— +V	DCMOTOR_4*4KEYPAD-16	— GND
DCMOTOR_4*4KEYPAD-13	— P1.6	DCMOTOR_4*4KEYPAD-14	— P1.7
DCMOTOR_4*4KEYPAD-11	— P2.0	DCMOTOR_4*4KEYPAD-12	— P2.1
DCMOTOR_4*4KEYPAD-9	— P2.2	DCMOTOR_4*4KEYPAD-10	— P2.3
DCMOTOR_4*4KEYPAD-7	— P2.4	DCMOTOR_4*4KEYPAD-8	— P2.5
DCMOTOR_4*4KEYPAD-5	— P2.6	DCMOTOR_4*4KEYPAD-6	— P2.7
DCMOTOR_4*4KEYPAD-3	— P3.0	DCMOTOR_4*4KEYPAD-4	— P3.1
DCMOTOR_4*4KEYPAD-1	— P3.2	DCMOTOR_4*4KEYPAD-2	— P3.3

## RAIN/MOISTURE/LDR

A0	— TSW-104-02-S-S
D0	— RAIN/MOISTURE/LDRLIGHTSENSOR-1
GND	— RAIN/MOISTURE/LDRLIGHTSENSOR-2
+5V	— RAIN/MOISTURE/LDRLIGHTSENSOR-3
+5V	— RAIN/MOISTURE/LDRLIGHTSENSOR-4

## TOUCH/HALL/IR/FLAME

D0	— TSW-104-02-S-S
A0	— TOUCH/HALL/IR/FLAME/GASSENSOR-1
GND	— TOUCH/HALL/IR/FLAME/GASSENSOR-2
+5V	— TOUCH/HALL/IR/FLAME/GASSENSOR-3
+5V	— TOUCH/HALL/IR/FLAME/GASSENSOR-4

## MIC/SOUND

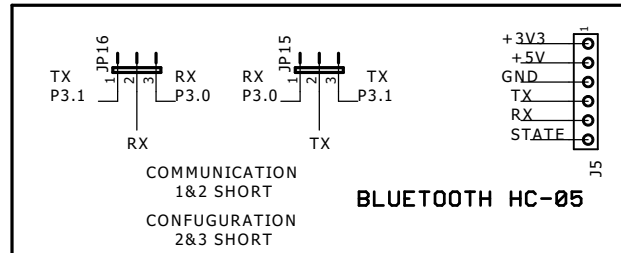
D0	— TSW-104-02-S-S
+5V	— MIC/SOUNDSSENSOR-1
GND	— MIC/SOUNDSSENSOR-2
A0	— MIC/SOUNDSSENSOR-3
+5V	— MIC/SOUNDSSENSOR-4

## RS485

+5V	— TSW-105-02-S-S
GND	— RS485-1
RO	— RS485-2
DI	— RS485-3
RSE	— RS485-4
+5V	— RS485-5

## ONE WIRE

GND	— TSW-103-02-S-S
3.3V	— ONEWIRE-1
+3V3	— ONEWIRE-2
+3V3	— ONEWIRE-3



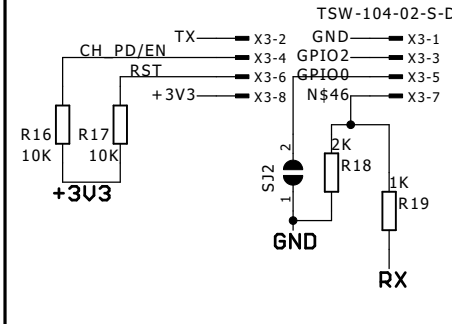
## BODY TEMP

SDA	— TSW-104-02-S-S
SCL	— BODYTEMPSENSOR-1
GND	— BODYTEMPSENSOR-2
+5V	— BODYTEMPSENSOR-3
+5V	— BODYTEMPSENSOR-4

## DHT11/22

+5V	— TSW-103-02-S-S
GND	— DHT11/22-1
DATA	— DHT11/22-2
P3.3	— DHT11/22-3

## WIFI



## ULTRASONIC

+5V	— TSW-104-02-S-S
P3.7	— ULTRASONIC-1
P3.6	— ULTRASONIC-2
GND	— ULTRASONIC-3
GND	— ULTRASONIC-4

## PIR

+5V	— TSW-103-02-S-S
P3.5	— PIR_SENSOR-1
GND	— PIR_SENSOR-2
GND	— PIR_SENSOR-3

## GSM 800C MODULE

GND	— TSW-GSM
P3.4	— GSM-1
—	— GSM-2
—	— GSM-3
P3.2	— GSM-4
P3.3	— GSM-5
P3.0	— GSM-6
P3.1	— GSM-7
+5V	— GSM-8
VCC	— GSM-9

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