SW6
SW_Wuerth_450301014042

DC

GND

J1
DC Barrel

U1
LM340AT-5.0

DC

IN   OUT
GND

+5V

GND

+3.3V
+5V   +5V

VIN
3V3
+5V

30
17
27

SW5
SW_Wuerth_450301014042

B+

2
3
1
1
2

BZ1
Buzzer

B-

D0/RX
D1/TX
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13

2
1
5
6
7
8
9
10
11
12
13
14
15
16

BTN_G
LED_G
B-
LED_Y
BTN_Y
B+

BTN_R
LED_R

BTN_B
LED_B

RESET
RESET

AREF

A0
A1
A2
A3
A4
A5
A6
A7

28
3

18

19
20
21
22
23
24
25
26

GND
GND

29
4

A1
Arduino_Nano_v3.x

GND

D1
R

LED_R

D2
G

LED_G

D3
B

LED_B

D4
Y

LED_Y

R1
220ohm

R2
220ohm

R3
220ohm

R4
220ohm

GND
SW1
R

GND
SW2
G

GND
SW3
B

GND
SW4
Y

BTN_R

BTN_G

BTN_B

BTN_Y

GND

GND

GND

GND