IR Sensor

Pololu
sds01a
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Cabinet

Solenoid
Valve

AC ADAPTOR
MODEL: YYAC-48240500V
PRI: 230V~50Hz
SEC: 24VAC 500mA
EFFICIENCY LEVEL
GANG QI ELECTRONIC CO.,LTD

Level
Shifter

1A

1Y

1OE
VCC

NeoPixel Stick

1000 µF

N-channel
MOS-FET

1N4148

GPIO 5
GPIO 4
3.3V
GND
GPIO 14

WAKE
USER
FLASH
TXD1
hSclk
HMISO
HMOSI
HCS
RXD2
TXD2
RXD0
TXD0

GPIO16
GPIO5
GPIO4
GPIO0
GPIO2
3.3V
GND
GPIO14
GPIO12
GPIO13
GPIO15
GPIO3
GPIO1
GND
3.3V

WiFi
MODEL
VENDOR
AI/THINKER
ESP8266MOD
ISM 2.4GHz
PA +25dBm
802.11b/g/n
AM1117
SILABS
CP2102
FC

ADC0
RESERVED
RESERVED
GPIO10
GPIO9
MOSI
CS
MISO
SCLK
GND
3.3V
EN
RST
GND
Vin

TOUT
SDD3
SDD2
SDD1
SDCMD
SDD0
SDCLK

10k Ω

Buck Converter

12V DC

5V DC