



RESET

SCL SDA GND 13 12 11 10 9 8

TX RX 7 6 5 4 3 2

MOMENTARY-SWITCH-SPST-SMD-4.5MM

MOMENTARY-SWITCH-SPST-SMD-4.5MM

ESP8266

Shield  
For Arduino

MOMENTARY-SWITCH-SPST-SMD-4.5MM

10k  
10k  
R3 C6

SW1

2 1  
ON

JP2  
ESP-RX  
ESP-TX  
Remove jumpers  
from JP1 when  
using this header

SERIAL  
SELECT

Jumper  
Config

Software  
Serial

Hardware  
Serial

D2(RX) D3(TX)  
ESP-TX ESP-RX  
RX0 TX0  
JP1

CH\_PD->D5

ESP\_RST->D4

RN2  
10k

NLSX4302E  
U2

100uf  
C10

100uf  
C9

ICSP

TO PROGRAM  
ESP8266

- 1 Remove jumpers from JP1/JP2
- 2 Set SW1 switches to OFF
- 3 Set RUN/PROG switch to PROG
- 4 Connect Serial Programmer to JP3

RUN/PROG

PROGRAM\_ESP

JP3  
DTR TX RX 5V GND

IOREF RST +3.3V +5V GND GND VIN

Analog In

0 1 2 3 4 5