

NO COM NC

NO COM NC

NO COM NC

NO COM NC

NO COM NC

NO COM NC

NO COM NC

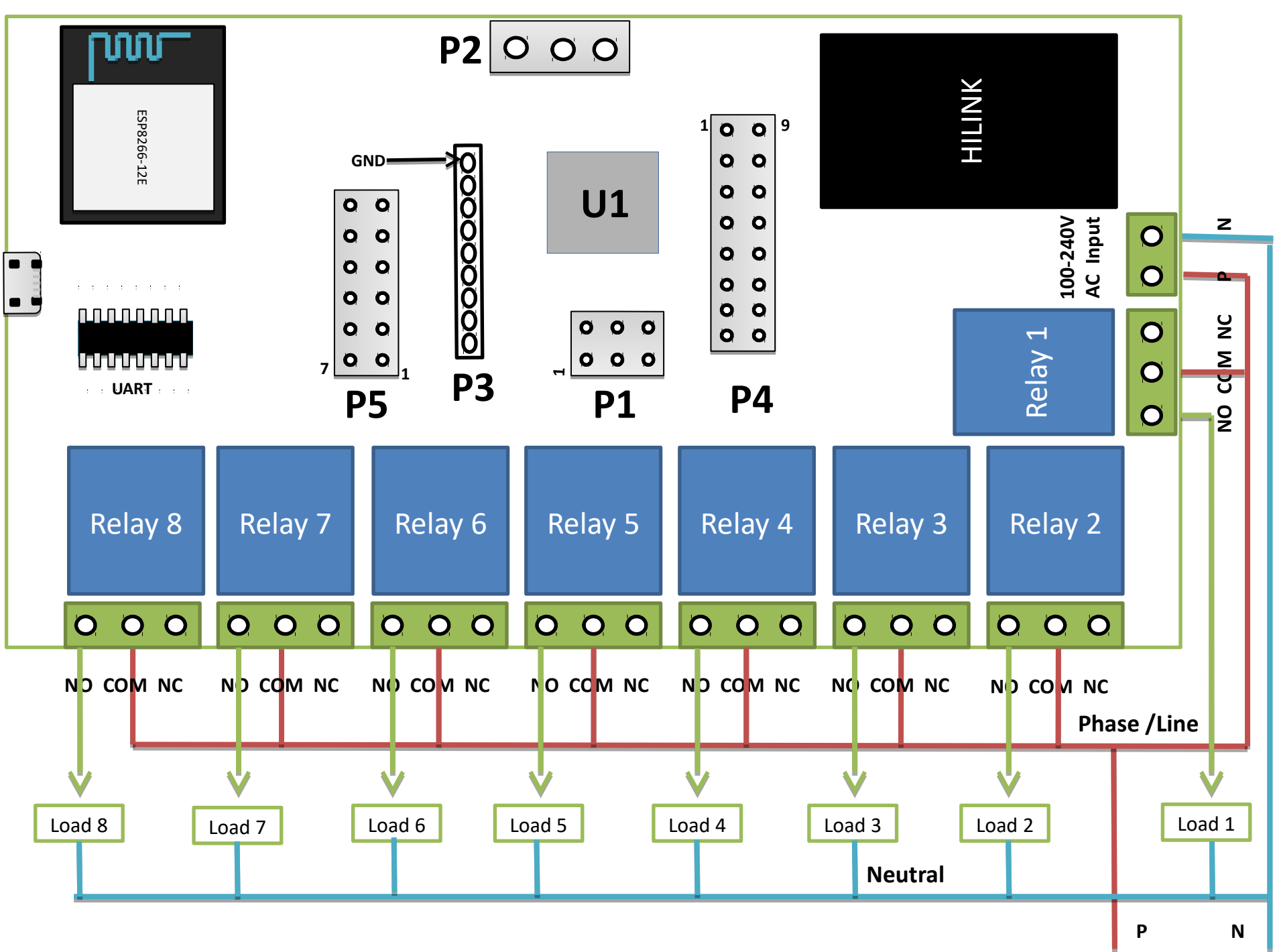
NO ---- Normally Open  
COM ---- Common  
NC ---- Normally Closed

P ---- 100-230V AC Phase  
N ---- 100-230V AC Neutral

P (Colour) ----- 100-230V AC Phase

N (Colour) ----- 100-230V AC Neutral

From Relay NO (Colour)----- Goes to Load (Light , Fan etc)



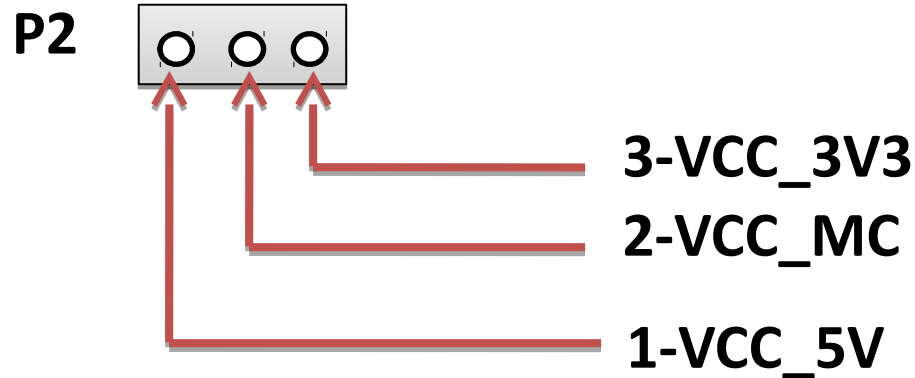
P (Colour) ----- 100-230V AC Phase

N (Colour) ----- 100-230V AC Neutral

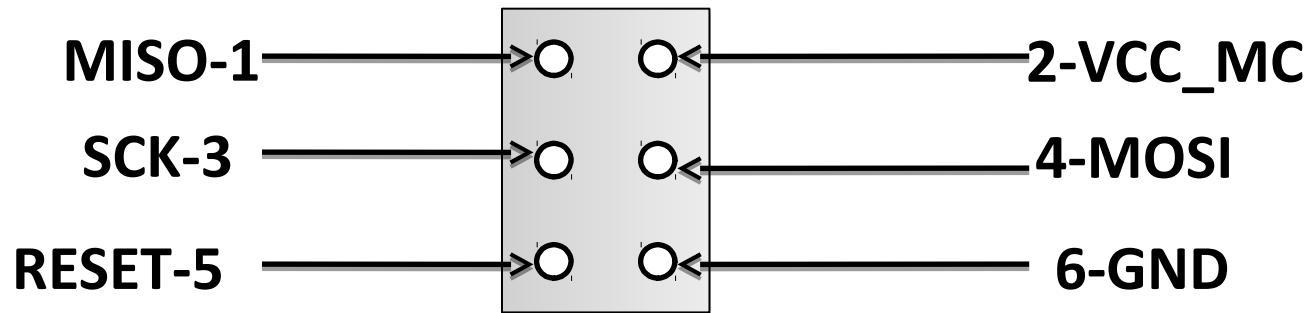
From Relay NO (Colour)----- Goes to Load (Light , Fan etc)

**U1 is Atmega328P controller, present backside of the PCB**

**Jumper to interchange the power supply to controller**

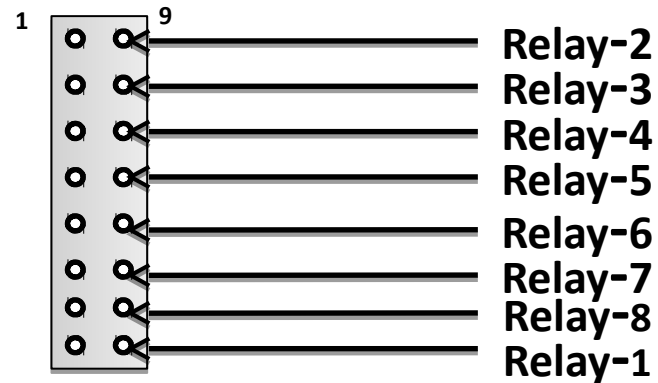
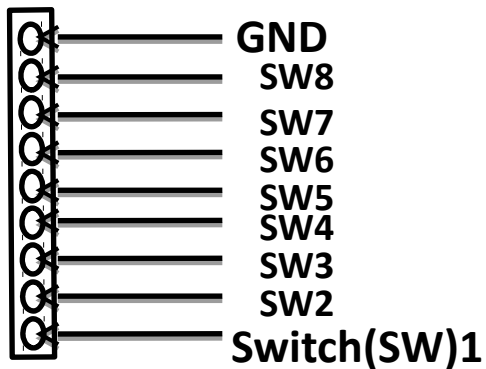


## P1 (SPI)

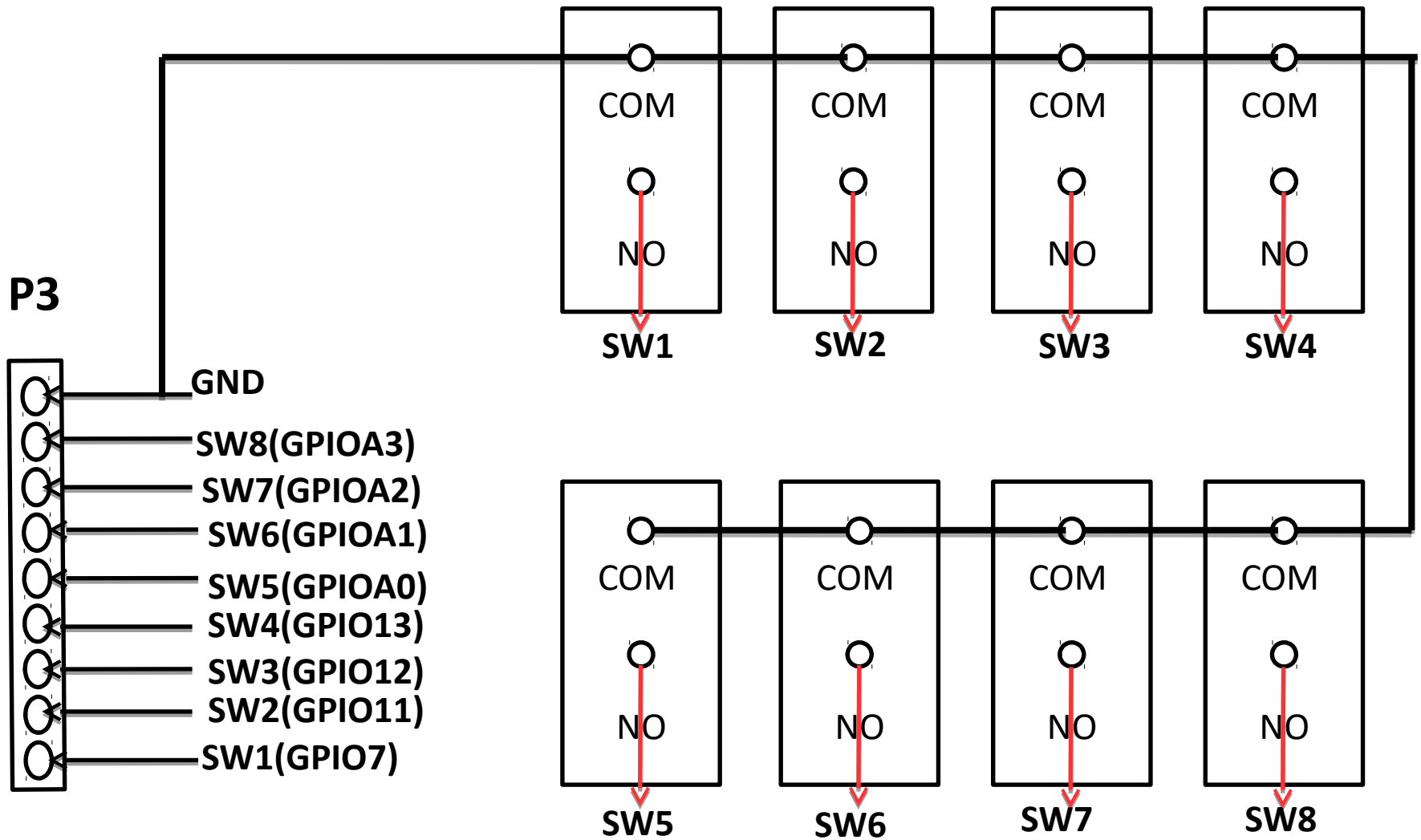


## P4 Relay jumpers

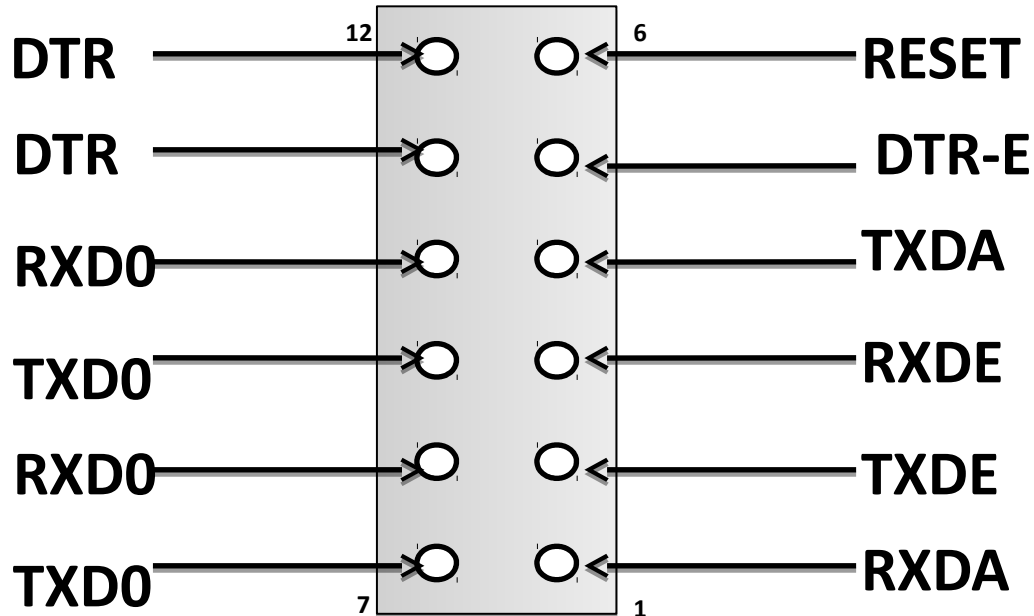
### P3 virtual switch



# Wiring of virtual switch connection



## P5 – communication between ESP, Atmega328 and UART



**TXD0 – TX of UART**

**RXD0 –RX of UART**

**TXDE –TX of Esp**

**RXDE –RX of Esp**

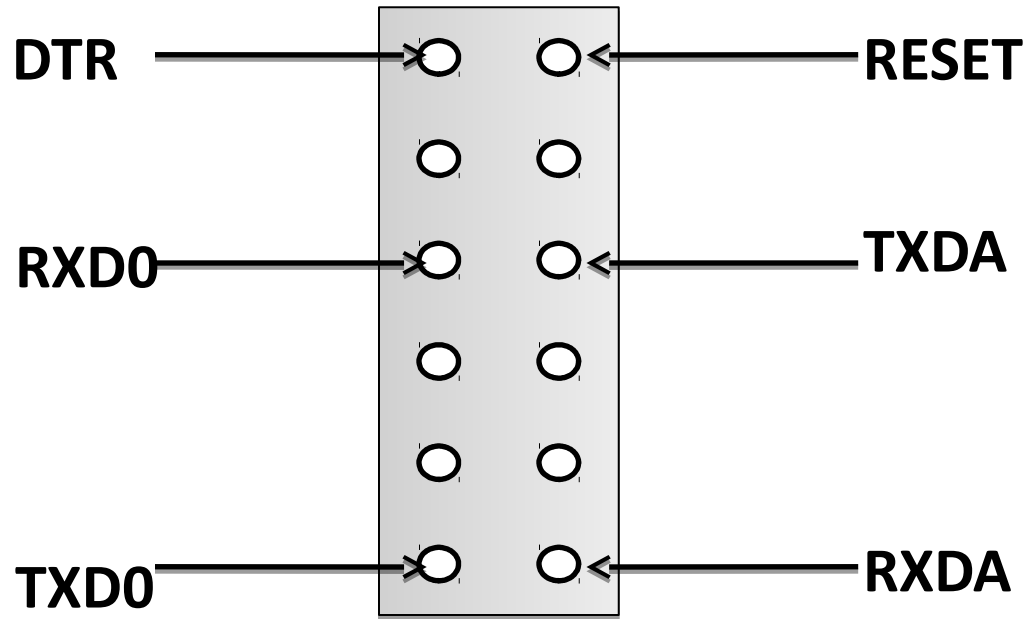
**TXDA – TX of Atmega**

**RXDA –RX of Atmega**

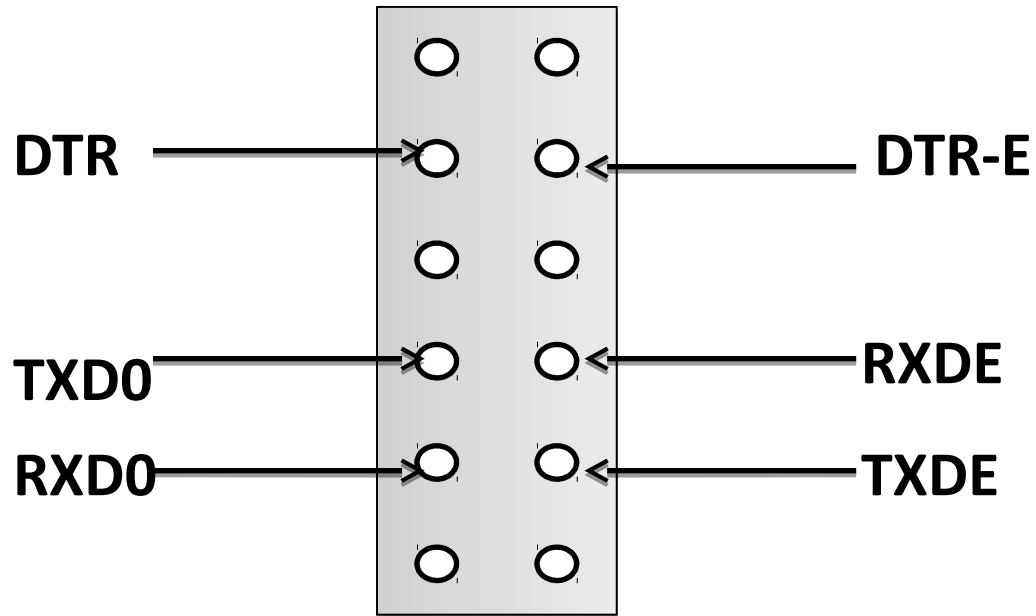
**DTR-E –DTR pin of Esp**

**RESET –Reset pin of Atmega**

**To program the Atmega328 connect the jumper's as follows**

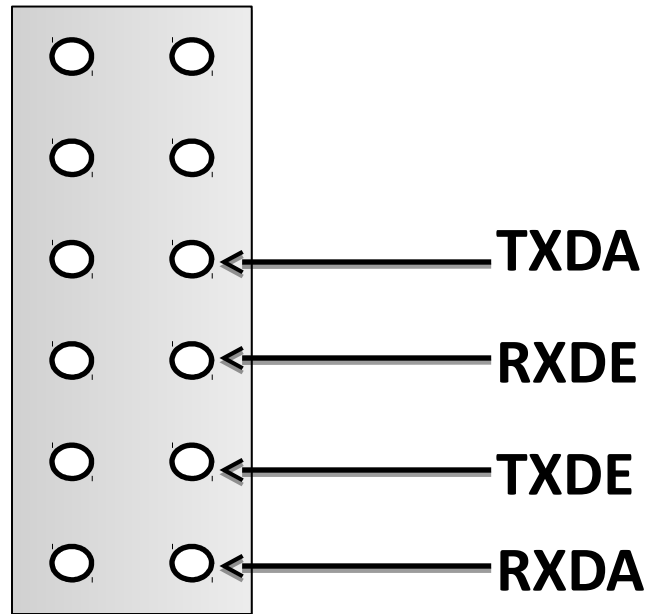


**To program the ESP connect the jumper's as follows**





**To establish the communication and ESP**



**Connect the jumpers TXDE – RXDA and TXDA - RXDA**