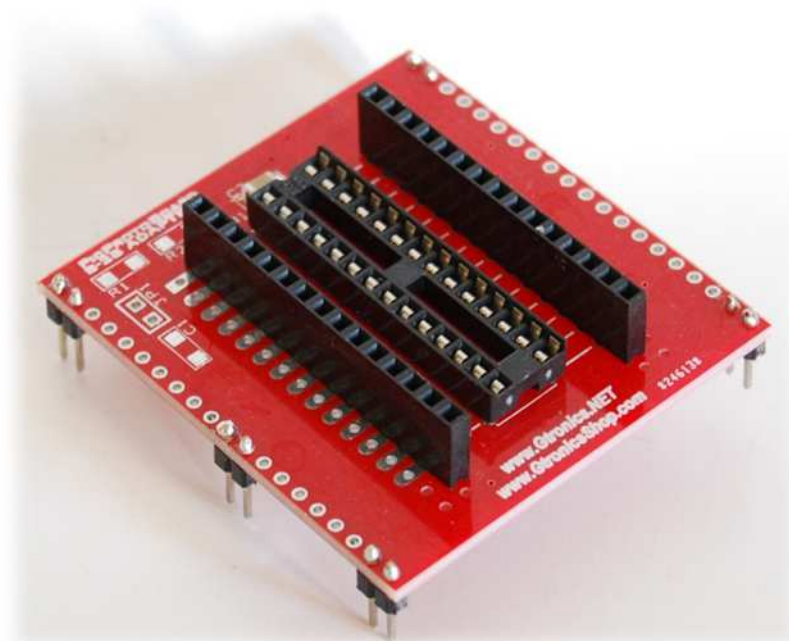


## PICPROTOBOARD 8-28 ADAPTER USER MANUAL

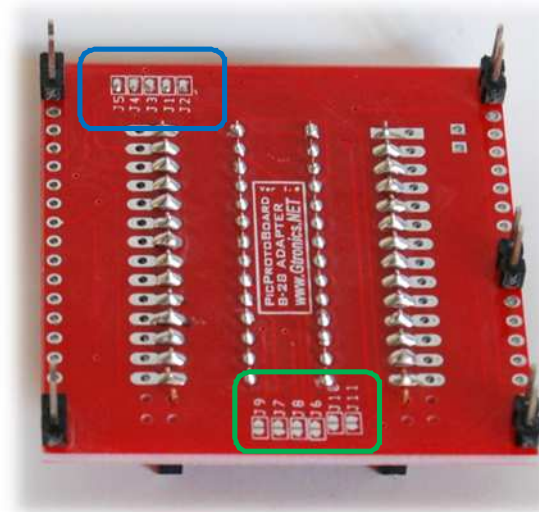


The **8-28 ADAPTER** extends your **PICPROTOBOARD** to 8, 14, 20 and 28 pins PIC prototyping. It is compatible with any 8, 14, 20 and 28 pin PIC microprocessor.

PLEASE NOTE that the most of the 8, 14, 20 and 28 pin doesn't have an in-circuit debugger, so you cannot debug with code breakpoints and single step mode.

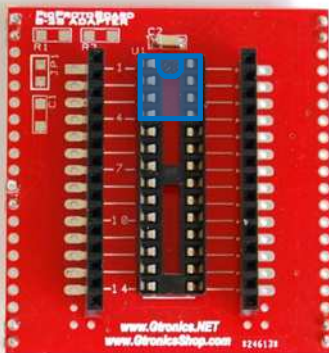
## Preparing the 8-28 ADAPTER to be used with 8, 14, 20 pin PIC

Configure the solder jumpers on the bottom of the 8-28 Adapter board as shown below:

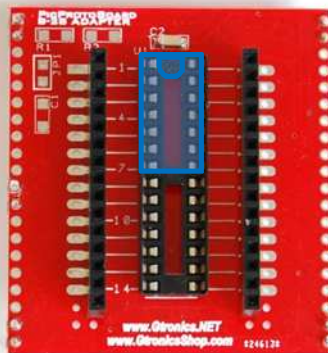


J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11
CLOSE	CLOSE	CLOSE	CLOSE	CLOSE	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

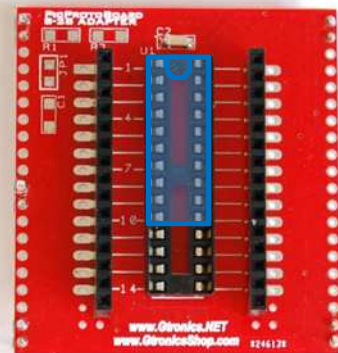
Insert the desired 8, 14 or 20 PIC as shown below



8 pin PIC



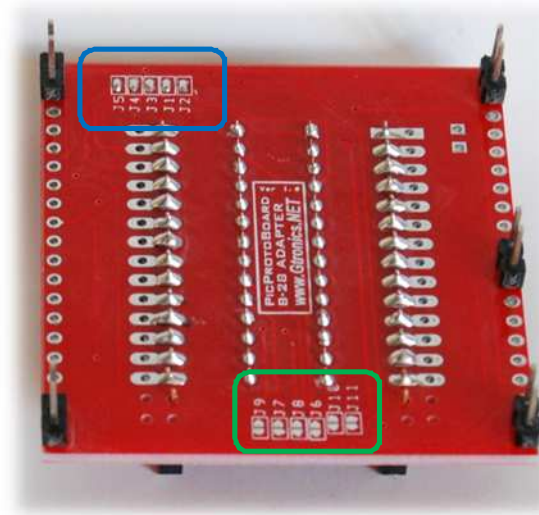
14 pin PIC



20 pin PIC

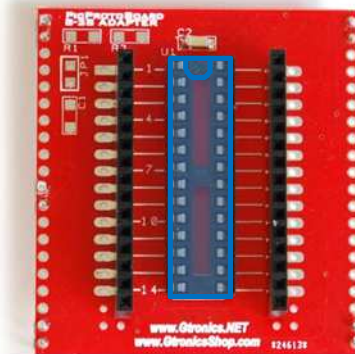
## Preparing the 8-28 ADAPTER to be used with 28 pin PIC

Configure the solder jumpers on the bottom of the 8-28 Adapter board as shown below:



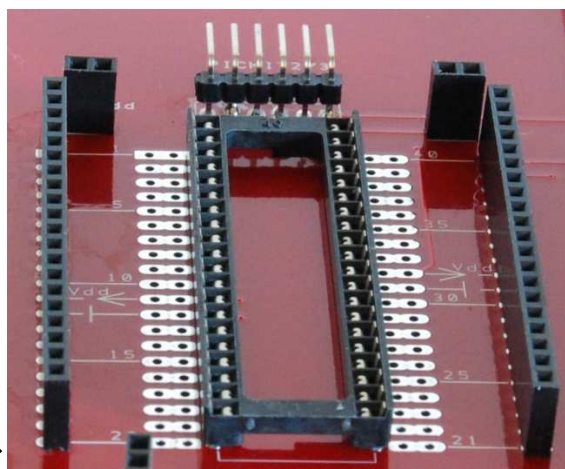
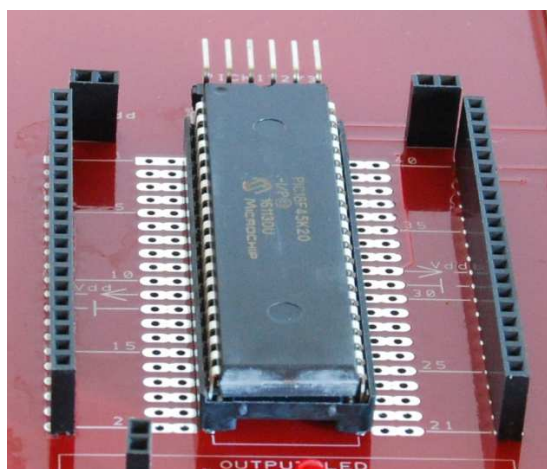
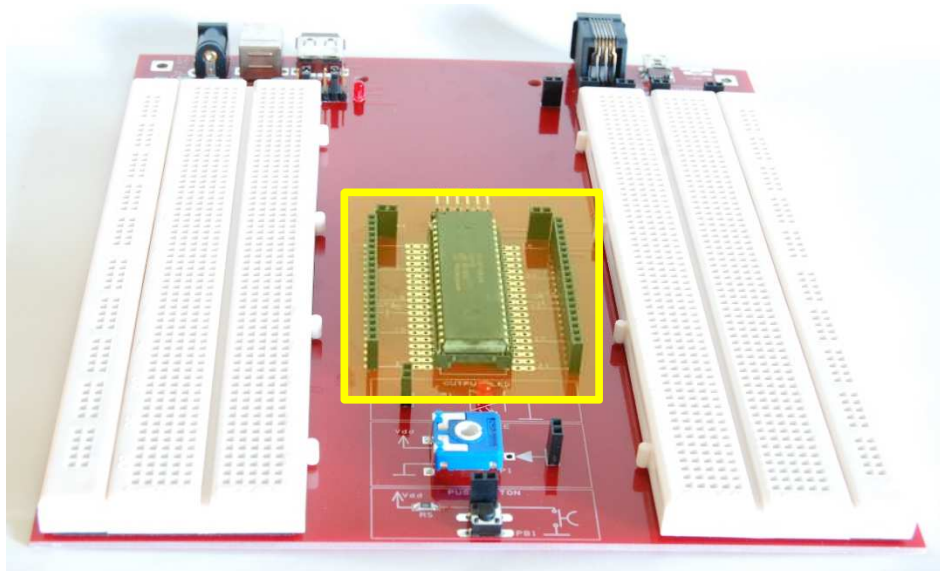
J1	J2	J3	J4	J5	J6	J7	J8	J9	J10	J11
OPEN	OPEN	OPEN	OPEN	OPEN	CLOSE	CLOSE	CLOSE	CLOSE	CLOSE	CLOSE

Insert the desired 28 pin PIC as shown below



## Installing the 8-28 ADAPTER on the PICPROTOBOARD

Disconnect the **PICPROTOBOARD** from the power supply and from the programmer / debugger. Remove the 40 pin PIC or the 32MX adapter from the socket (being careful not to bend the pins).



Insert the **8-28 ADAPTER** as shown in the pictures below.

The **PICPROTOBOARD** is ready for use.

