Electronic Basic #6:

In this video we learn about:

1)How to break ATmega 328p Microcontroller and free from its Arduino and embedded to a circuit?

= To break down ATmega 328p from Arduino ,we need 4 external component. These are 1 piece of 16 MHz clock crystal ,2 pieces of 22 picofarad capacitor to generate the external clock signal and 1 piece of 10Kohm resistor.

Process:

1)10Kohm resistor have to connect between reset pin of the ATmega and 5 volts of bread board.

2)te crystal will be connected to pin 9 and 10 and both capacitor between each pin of clock crystal and ground.

3) Pin 7,20 and 21 will be connected to 5 volts of bread board.

4)Pin 8 and 22 will be connected to ground.

There are some difference between break down ATmega 328p and Arduino mega.These are :

*No reset switch

*Only 5 volts input

*No USB to serial conversion

*No short circuit protection

*No over voltage protection

2) How to change code on ATmega 328p when it breaks down?

=