1X [PIC 16F1579](#) Microcontroller (For flashing HEX file, you will also need a [PICKIT programmer](#))

1X [CD4002](#) 2XQUAD INPUT NOR GATES

1X 1N4148 Small signal diode

1X 2N3904 Small signal NPN BJT Transistor

1X 10K resistor

1X 1nf Ceramic Capacitor

1X 100nF Ceramic capacitor

1X 47Uf Electrolytic capacitor

1X [12x12x9mm Latching Push Button](#) (optimal for Amstrad CPC pause switch)

1X [Small momentary Push button](#) (optimal for Amstrad CPC reset)

1X 40pin (2X20) [Double Row Right Angle Male Pin Header](#)

You will also need a very cheap [USB2serial cable adapter](#) (PL2303HX,drivers can be found [here](#))
, for direct connection with a PC or, for wireless connection, the above cable along with either a pair of [HC-05 Bluetooth modules](#), or a WiFi module,(an [ESP-07](#) or an [ESP-01](#) along with a [5V adapter](#)).

Finally for connecting Bluetooth or WiFi modules, you will also need some small [female to female dupont wires](#) (same used for arduino)