Motor Stepper with 8051 Microcontroller

1. Create a new project in proteus
2. Pick devices
   1. 80C51
   2. Motor Bistepper
3. Put all components in the board
4. Make the circuit.
5. Create a new project in Keil
6. Add the following code to the target source

#include <reg51.h>

sbit l1=P1^3;

sbit l2=P1^2;

sbit l3=P1^1;

sbit l4=P1^0;

void main()

{

unsigned int i;

l1=l2=l3=l4=0;

while(1) {

l1 = 1;

l2=l3=l4=0;

for(i=0;i<60000;i++);

l2=1;

l1=l3=l4=0;

for(i=0;i<60000;i++);

l3=1;

l1=l2=l4=0;

for(i=0;i<60000;i++);

l4=1;

l1=l2=l3=0;

for(i=0;i<60000;i++);

}

}

1. Build hex file and set the hex file for microcontroller in proteus
2. Follow the video link

https://www.youtube.com/watch?v=4Q7edidrUu0