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IBM19CSI95

② Drive a Stepper Motor interface to rotate the motor in Anti-clockwise by N steps. Introduce suitable delay between successive steps.

Soln:- #include <stdio.h>

#include <reg51.h>

char xdata Port—at-0xe803;

char xdata Port—at-0xe800;

char xdata acc—at-0x30;

delay()

{

int j;

for(j=0; j<800; j++)

{ }

}

void main

{

Port = 0x800;

while(1)

{

acc = 0x11;

Porta = acc;

delay();

acc = 0x22;

Porta = acc;

delay();

acc = 0x44;

Porta = acc;

delay();

acc = 0x88;

Porta = acc;

delay = acc;

delay(1);

{

}

— x — x — x — x —