

```
; dung mach cau H dieu khien dong co
```

```
ORG 00H
```

```
LJMP MAIN
```

```
ORG 30H
```

```
MAIN:
```

```
    CLR P3.6
```

```
    CLR P3.7
```

```
    CALL THUAN
```

```
    CALL DUNG
```

```
    CALL NGUOC
```

```
    JMP MAIN
```

```
;-----
```

```
THUAN:
```

```
    SETB P3.7
```

```
    CLR P3.6
```

```
    MOV R5, #3
```

```
DELAY3S:
```

```
    CALL DELAY
```

```
    DJNZ R5, DELAY3S
```

```
    CPL P3.6
```

```
    CPL P3.7
```

```
RET
```

```
;-----
```

```
DUNG:
```

```
    SETB P3.6
```

```
    SETB P3.7
```

```
    MOV R5, #5
```

```
DELAY5S:
```

```
    CALL DELAY
```

```
    DJNZ R5, DELAY5S
```

```
RET
```

```
;-----
```

```
NGUOC:
```

```
    SETB P3.6
```

```
    CLR P3.7
```

```
    MOV R5, #4
```

```
DELAY4S:
```

```
    CALL DELAY
```

```
    DJNZ R5, DELAY4S
```

```
RET
```

```
;-----
```

```
DELAY:
```

```
    MOV TMOD, #01
```

motor_H.asm

MOV R7, #20

TRE1S:

MOV TH0, #(-50000)

MOV TL0, #(-50000)

SETB TR0

JNB TF0, \$

CLR TR0

CLR TF0

DJNZ R7, TRE1S

RET

END