org 0X00

mov r1,#38H

call command

mov r1,#0EH

call command

mov r1,#06H

call command

mov r1,#01H

call command

start:

clr p3.5

nop

setb p3.5

wait:jb p3.2,wait

acall read

acall conversion

call data2

call data1

call epr

call delay mov r1,#01H

call command

call delay

jmp start

read:

clr p3.4

mov a,p2

mov 30h,a

setb p3.4ret

delay:

mov r1,#255

l2: mov r0,#255

l1: djnz r0,l1

djnz r1,l2

ret

command:

clr p1.2

mov p0,r1

setb p1.0

call delay

clr p1.0

ret

data2:

setb p1.2

mov p0,r4

setb p1.0

call delay

clr p1.0

ret

data1:

setb p1.2

mov p0,r3

setb p1.0

call delay

clr p1.0

ret

epr:

setb p1.2

mov p0,r2

setb p1.0

call delay

clr p1.0

ret

conversion:

mov b,#10

div ab

mov r2,b

mov b,#10

div ab

orl a,#30h

mov r4,a

mov a,b

orl a,#30h

mov r3,a

mov a,r2

orl a,#30h

mov r2,a

ret

end