lecture 6

assignment 3

PC.0 -> MOTOR
PC.1 -> MOTOR
PC.2 -> LED

PD.0 -> counter +
PD.1 -> counter -
PD.2 -> START
PD.3 -> STOP/reset

ELEVATOR

PC.0 -> M
PC.1 -> M
PC.2 -> LED 1
PC.3 -> LED 2

PD.1 -> count +
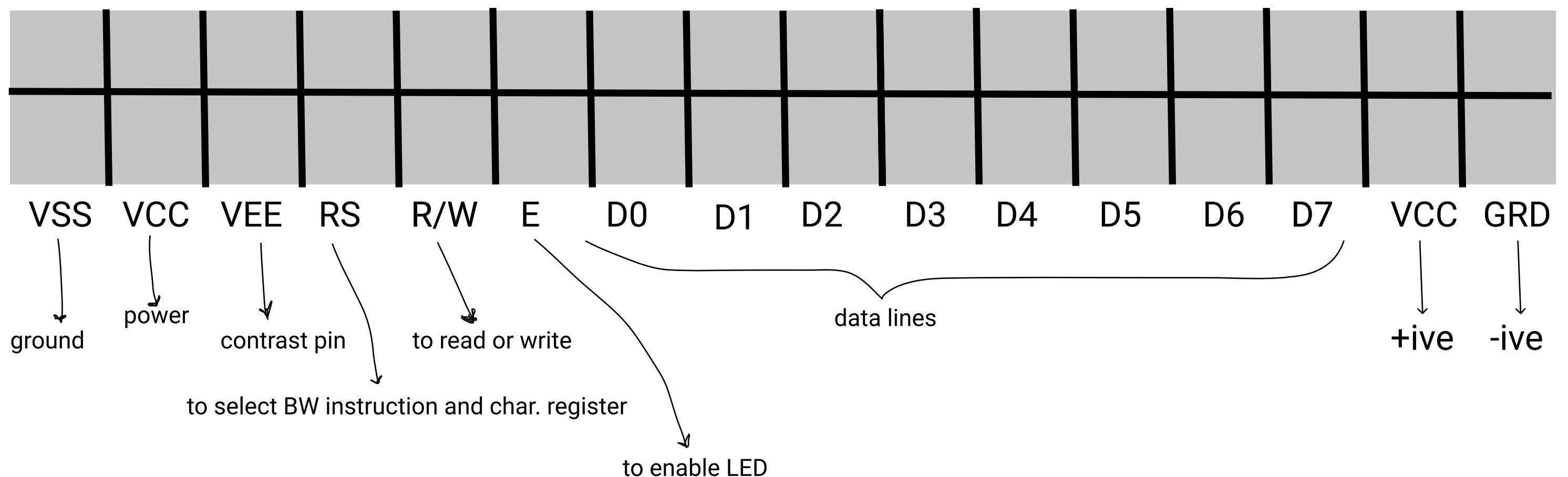PD.2 -> count -
PD.3 -> START

MOTOR
C/W   -> upwards
A-C/W -> downward

CONDITIONS
default : grd floor (0)
timer : 5s -> grd floor

1-1 ---> time 1 sec.

LED

PINS :

| VSS | VCC | VEE | RS | R/W | E | D0 | D1 | D2 | D3 | D4 | D5 | D6 | D7 | VCC | GRD |

- VSS → ground
- VCC → power
- VEE → contrast pin
- RS → to select BW instruction and char. register
- R/W → to read or write
- E → to enable LED
- D0–D7 → data lines
- VCC → +ive
- GRD → -ive

~ By K.S.