×

P1-3

+5V   +5V

16   8   U2

IN1 ——————— 2 IN1   VSS   VS   OUT1 3 ————————
IN2 ——————— 7 IN2   OUT2 6 ————————
EN1 ——————— 1 EN1

5
2

9   EN2
10 IN3   OUT3 11
15 IN4   GND   GND   OUT4 14

+88.8

L293D
<TEXT>

VCC

S1   S3

DC MOTOR

S2   S4

P3.0

R1 ○ ━━━━━ A [7] [8] [9] [÷]

×

R2 ○ ━━━━━ B [4] [5] [6] [×]

R3 ○ ━━━━━ C [1] [2] [3] [−]

R4 ○ ━━━━━ D [ON/C] [0] [=] [+]

3.3

4   7

C1   C2   C3   C4

1,2,3,A (1=25% PW, 2 = 50% PW, 3 = 75% PW, 4 = 100%PW)

*,0,=(* = ANTICLK, 0=STOP,= FOR CLKWISE)

ASCII LOOK-UP TABLE FOR EACH ROW

KCODE0: DB '1','2','3','A'   ;ROW 0

KCODE1: DB '4','5','6','B'   ;ROW 1

KCODE2: DB '7','8','9','C'   ;ROW 2

KCODE3: DB '*','0','=','D'   ;ROW 3