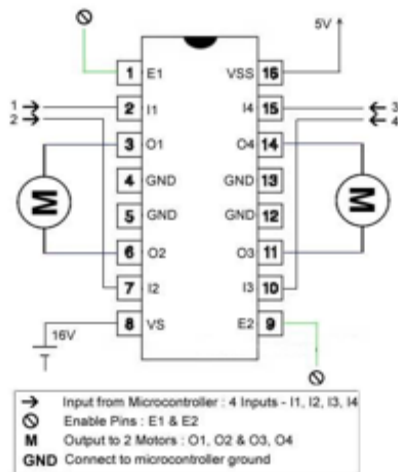


## NOTE:

- \* Use digital signals to turn on and off inputs to H-bridge
- \* Not all H-bridges are the same. Use datasheet to see voltage, current, interfacing, etc.

# H-Bridge IC Interface (LM293D)

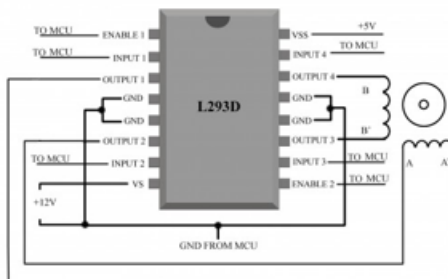


EN	1A	2A	FUNCTION
H	L	H	Turn right
H	H	L	Turn left
H	L	L	Fast motor stop
H	H	H	Fast motor stop
L	X	X	Fast motor stop

L = low, H = high, X = don't care

## Controlling Stepper Motor

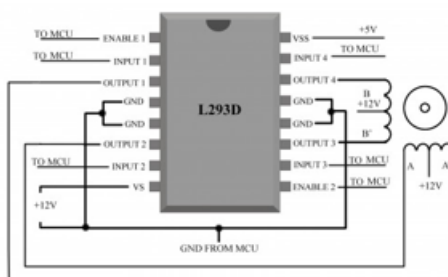
### \* Bipolar Setup



Stepper Table	A	B	A'	B'
STEP 1	1	1	0	0
STEP 2	0	1	1	0
STEP 3	0	0	1	1
STEP 4	1	0	0	1

## Controlling Stepper Motor

### \* Unipolar setup



Stepper Table	A	A'	B	B'
STEP 1	1	0	0	0
STEP 2	0	0	1	0
STEP 3	0	1	0	0
STEP 4	0	0	0	1