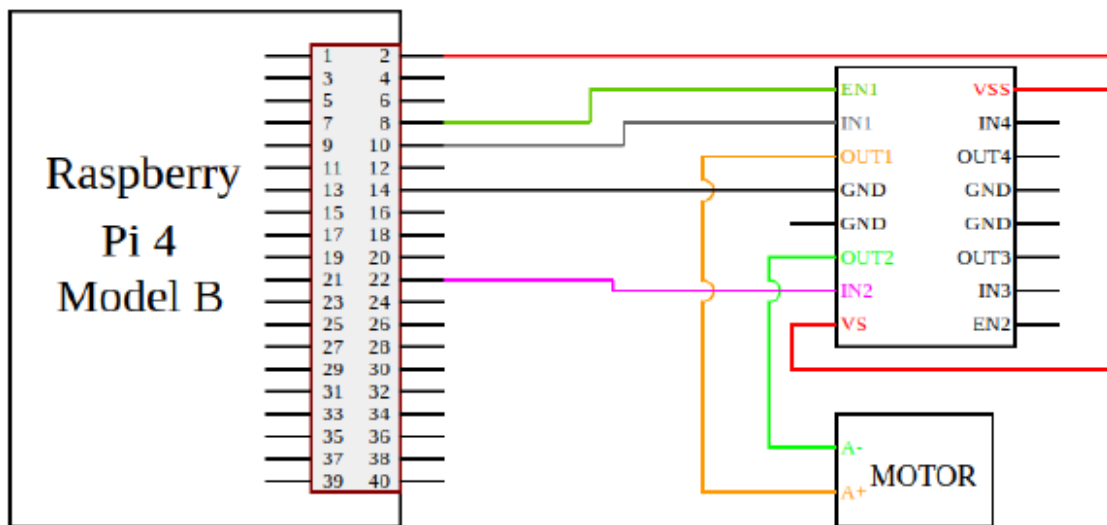


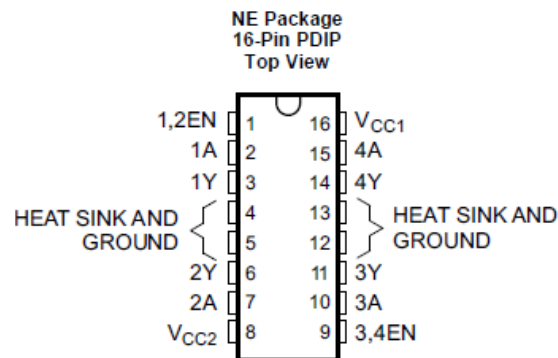
How to connect the motor control:

6.4 Connections

Below, you can find the schematic:



5 Pin Configuration and Functions



Pin Functions

PIN		TYPE	DESCRIPTION
NAME	NO.		
1,2EN	1	I	Enable driver channels 1 and 2 (active high input)
<1:4>A	2, 7, 10, 15	I	Driver inputs, noninverting
<1:4>Y	3, 6, 11, 14	O	Driver outputs
3,4EN	9	I	Enable driver channels 3 and 4 (active high input)
GROUND	4, 5, 12, 13	—	Device ground and heat sink pin. Connect to printed-circuit-board ground plane with multiple solid vias
V _{CC1}	16	—	5-V supply for internal logic translation
V _{CC2}	8	—	Power VCC for drivers 4.5 V to 36 V

How to change the motor values:

EN	1A	2A	FUNCTION ⁽¹⁾
H	L	H	Turn right
H	H	L	Turn left

EN	1A	2A	FUNCTION ⁽¹⁾
H	L	L	Fast motor stop
H	H	H	Fast motor stop
L	X	X	Free-running motor stop

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