



PIN #	Connect to:	PIN #	Connect to:
1	Arduino Digital input 5	16	5V from Arduino
2	Arduino Digital input 11	15	Arduino Digital input 8
3	Right side Motor	14	Left side Motor
4	(-) side of batteries/GROUND	13	GROUND
5	GROUND	12	GROUND
6	Right side Motor	11	Left side Motor
7	Arduino Digital input 12	10	Arduino Digital input 10
8	(+) side of K'nex batteries	9	Arduino Digital input 9

Connect (+) side from 1 K'nex battery to (-) side of other K'nex battery.