

## K2 connector pin-out for AC-L1 : basic TRACTION application

Pin	Name	Function
1	+5V OUT	5V supply
2	DIGITAL IN 9	-
3	DIGITAL IN 10	-
4	ENCODER 1 B	Quad encoder channel B
5	ENCODER 1 A	Quad encoder channel A
6	DIGITAL IN 11	-
7	DIGITAL IN 12	-
8	DIGITAL IN 13	-
9	I/O GROUND	Negative logic supply
10	MOTOR THERMAL PROBE 1	Motor temperature probe
11	MOTOR THERMAL PROBE 2	-
12	ANALOG IN 1	Throttle potentiometer
13	ANALOG IN 2	-
14	DIGITAL IN 14	-
15	DIGITAL IN 15	-
16	DIGITAL IN 16	-
17	DIGITAL IN 17	-
18	DIGITAL IN 18	-
19	ANALOG IN 3	-
20	ANALOG IN 4	-
21	ANALOG IN 5	-
22	ANALOG IN 6	-
23	DIGITAL IN 19	-