

encoders

motor

- 1 -
- 2 CHB
- 3 V+
- 4 CHA
- 5 CHZ
- 6 V-

cut wire (I assume...)

colors	front right	front left	back right	back left
-	-	-	-	-
CHB	black	green	black	brown
V+	white	yellow	white	red
CHA	gray	pink	gray	pink
CHZ	purple	red	purple	yellow
V-	blue	brown	blue	green

arduino mega
order

- V-
- CHA
- CHB
- V+

vvvvvv

	front right	front left	back right	back left
V+	white	yellow	white	red
CHA	gray	pink	gray	pink
CHB	black	green	black	brown
V-	blue	brown	blue	green

Fernando MSc Thesis

connector

6	5
4	3
2	1

	back left	front left	f / b right	
1	-	-	black	-
2	green	brown	white	A / B
3	yellow	red	gray	5V
4	pink	pink	purple	A / B
5	red	yellow	blue	-
6	brown	green	blue	0V