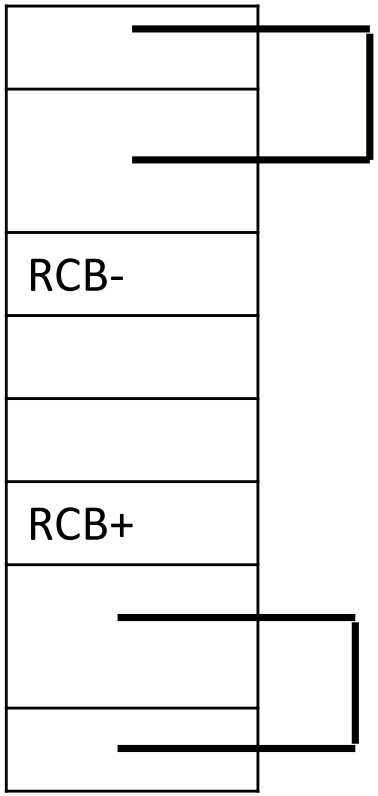
RPi provides full power

	RCBR	RCBL		RCBB	RCBF
RCMS -	RCMS+			RCMP-	RCM+



Motor
Controller

			GPIO 14 (12)	GPIO 15 (10)	GPIO 18 (12)		GPIO 17 (11)	GPIO 27 (13)	GPIO 22 (15)

RC provides power to Motor controller

	RCBR	RCBL		RCBB	RCBF
RCMS -	RCMS+			RCMP-	RCM+

RC battery -
RCB-
RCB+
RC battery +

Motor Controller

			GPIO 14 (12)	GPIO 15 (10)	GPIO 18 (12)		GPIO 17 (11)	GPIO 27 (13)	GPIO 22 (15)

	GPIO (4) 5V	GPIO (6) GND		SONAR 5V	SONAR GND

ADC

GPIO (1) 3.3V	GPIO (3) SDA1	GPIO (5) SCL1		GPIO (9) GND					

VCC – RADAR (White)
GND – RADAR (Green)

GPIO8 (24) SPI CE0 (Orange/Yellow)

RCB = RC Car Main Board
RCMP = RC Car Power Motor
RCMS = RC Car Steer Motor

	Pin No.		
3.3V	1	2	5V
GPIO2	3	4	5V
GPIO3	5	6	GND
GPIO4	7	8	GPIO14
GND	9	10	GPIO15
GPIO17	11	12	GPIO18
GPIO27	13	14	GND
GPIO22	15	16	GPIO23
3.3V	17	18	GPIO24
GPIO10	19	20	GND
GPIO9	21	22	GPIO25
GPIO11	23	24	GPIO8
GND	25	26	GPIO7
DNC	27	28	DNC
GPIO5	29	30	GND
GPIO6	31	32	GPIO12
GPIO13	33	34	GND
GPIO19	35	36	GPIO16
GPIO26	37	38	GPIO20
GND	39	40	GPIO21

Example: GPIO 14 (8): GPIO14, pin number 8