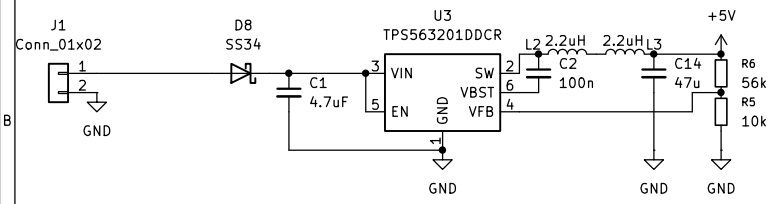
RC car

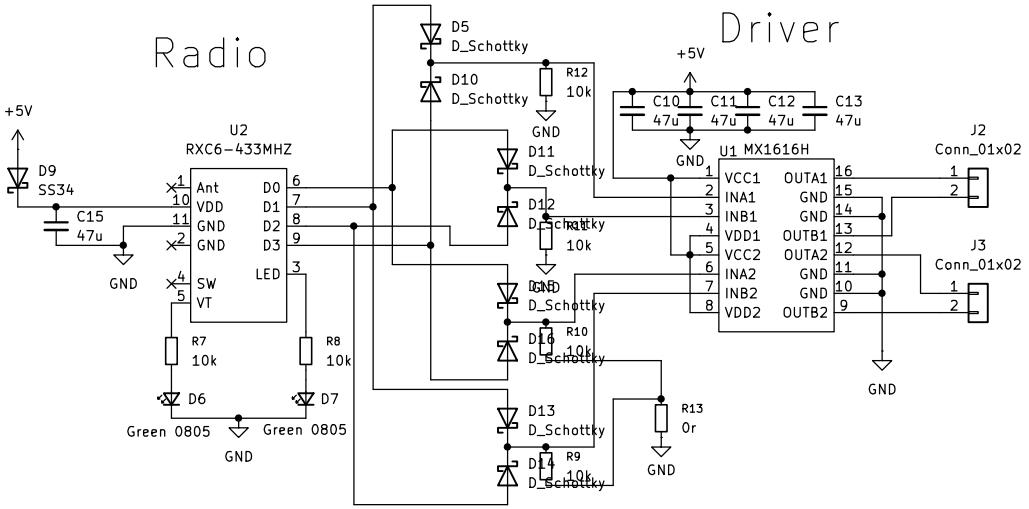
Supply regulator



Signaling Translation

Radio

Motor Driver



Signal translation karnough

#	A	B	C	D	O1	O2	O3	O4	Name
0	0	0	0	0	0	0	0	0	Off
1	0	0	0	1	1	0	1	0	Forw
2	0	0	1	0	0	1	0	1	Rev
3	0	0	1	1	x	x	x	x	
4	0	1	0	0	1	0	0	1	Right
5	0	1	0	1	x	x	x	x	
6	0	1	1	0	x	x	x	x	
7	0	1	1	1	x	x	x	x	
8	1	0	0	0	0	1	1	0	Left
9	1	0	0	1	x	x	x	x	
10	1	0	1	0	x	x	x	x	
11	1	0	1	1	x	x	x	x	
12	1	1	0	0	x	x	x	x	
13	1	1	0	1	x	x	x	x	
14	1	1	1	0	x	x	x	x	
15	1	1	1	1	x	x	x	x	

These is a resistor setting these states in RF module

Logic Truth Table	T1	T2	State description
Inching (M) mode	High level (NC)	High level (NC)	The two setting ports of T1 and T2 are suspended, and no level is connected.
Self-locking (L) mode	High level (NC)	Low level (GND)	D0-D3 independently output latch state, flipping when valid signal detected
Interlocking (H) mode	Low level (GND)	High level (NC)	D0-D3 interlock output, the current signal output remains unique
Reserved mode	Low level (GND)	Low level (GND)	Other function modes can be customized (not used yet)

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