

J1	
1	+12V
2	+5V
3	GND
4	IGN1
5	IGN2
6	IGN3
7	I_CTRL1
8	I_CTRL2
9	I_CTRL3
10	B_CTRL

BUS

+12V

Vcc

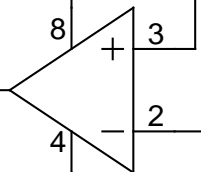
Vcc

R1
10k

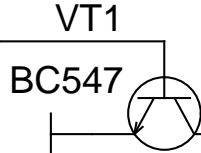
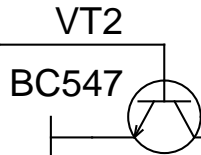
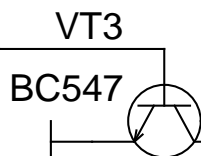
R4
10k

R3
10k

R2
10k



DA1
LM393



+12V
VD3
1N4004

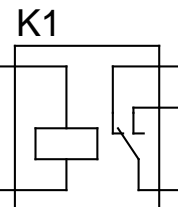
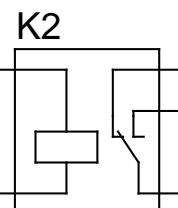
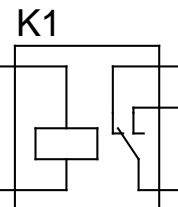
+12V
VD2
1N4004

+12V
VD1
1N4004

BS-115C

BS-115C

BS-115C



Vcc
R5
10k

C1
1000uF
16V
VD4
1N5408

J2	
+9V	1
GND	2

IGN_BATTERY

J3	
	1
	2

IGNITOR1

J4	
	1
	2

IGNITOR2

J5	
	1
	2

IGNITOR3