Vbat 20..30V

blade auto fuse

FUSE
F1

VBATF

LATCH

5
4
1
2
3

1N414B
D4

SW2
ON/OFF

K1

Press to START

SW1
START

ON/OFF switch

SW2
ON/OFF

V+

R5

to 5V DC-DC converter

POWER ON

D2

RX
R2

precharge

R4
RX

VBATF

1N414B
D5

System turn ON:
Flip ON/OFF switch to ON
Press START

System turn off:
Flip ON/OFF siwtch to OFF

from main ctrl

R1
1K

D1
BAT54

D3
1N414B

K2

2
1
4
3

RELAY

100K
R3

C1
100nF

Q1
NPN_BJT

Vpwr

power to bridges

2 FUSE
F2

blade auto fuses

2 FUSE
F3

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