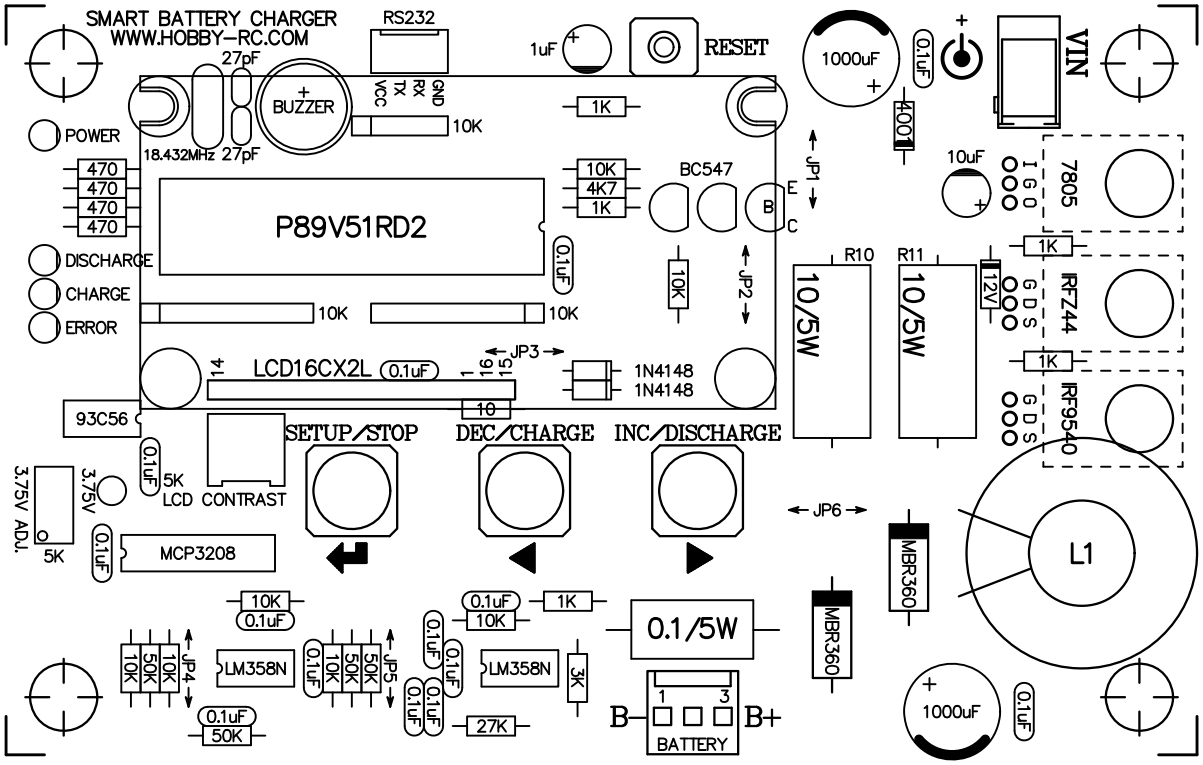
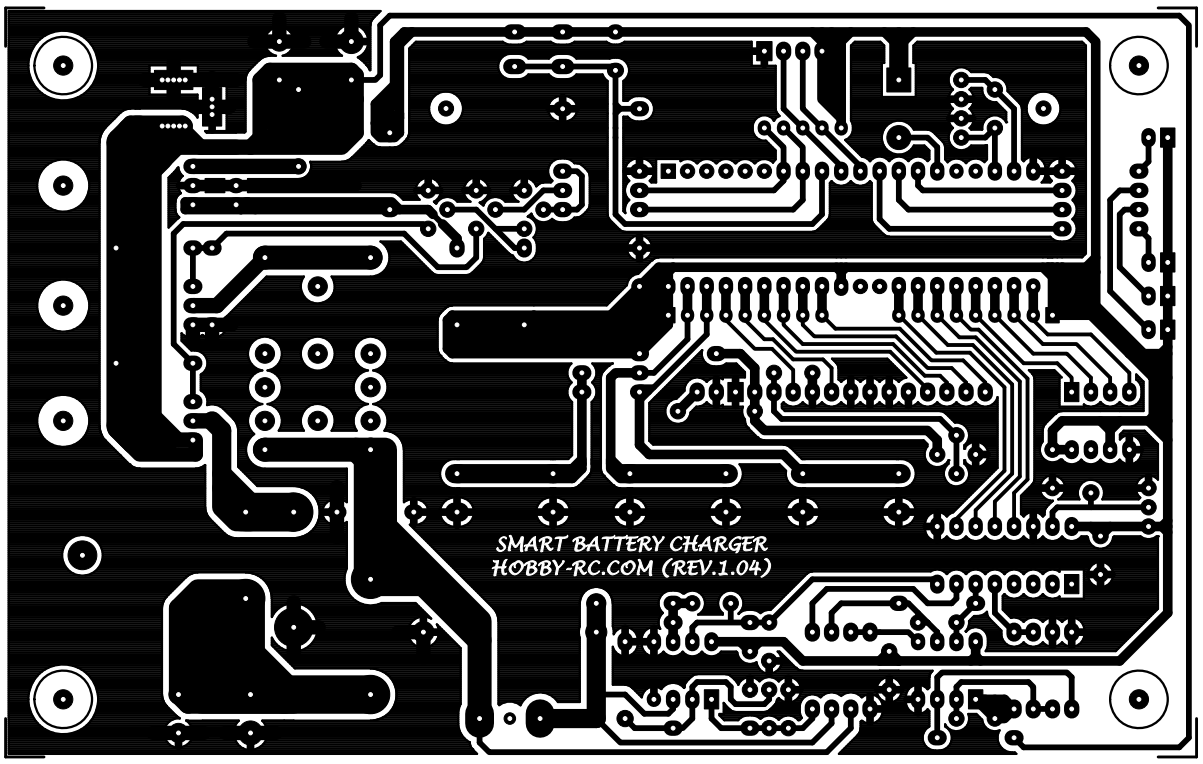
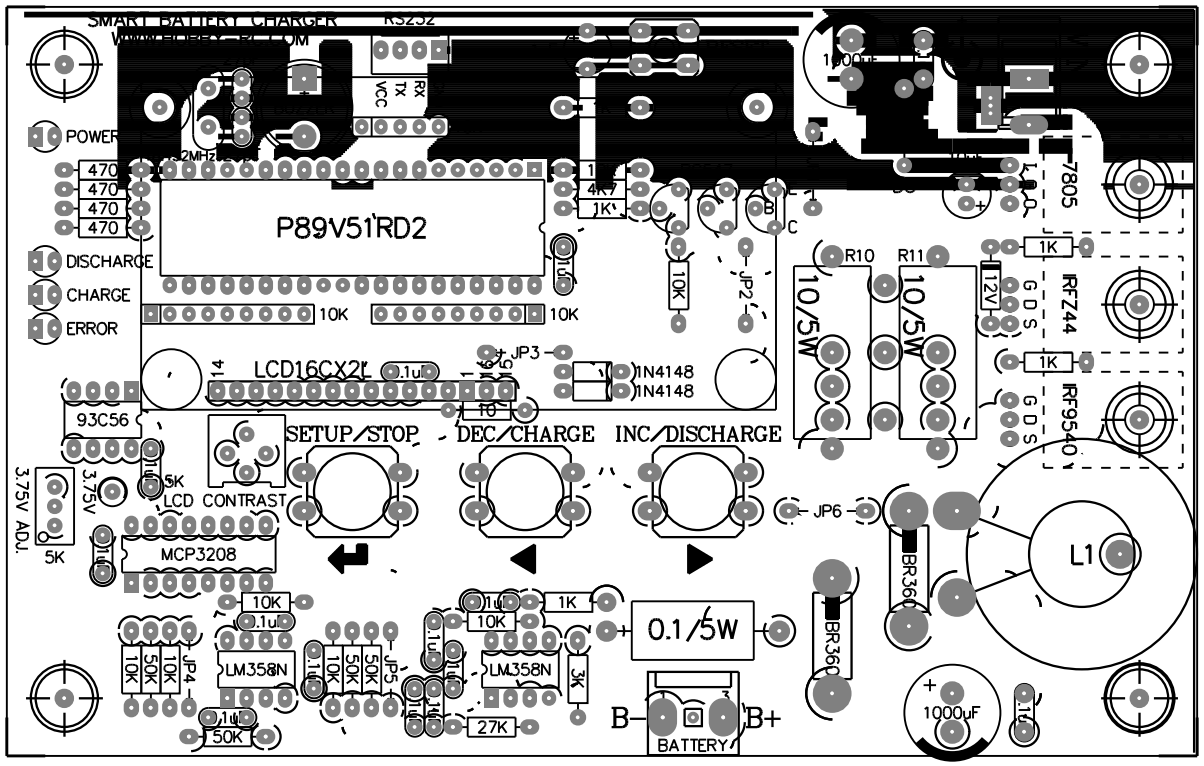

SMART BATTERY CHARGER
WWW.HOBBY-RC.COM
RS232
GND
RX
TX
VCC
27pF
BUZZER
1uF
RESET
1000uF
0.1uF
VIN
POWER
18.432MHz 27pF
10K
1K
470
470
470
470
P89V51RD2
10K
4K7
1K
BC547
JP1
E
B
C
10uF
7805
I G O
DISCHARGE
CHARGE
ERROR
0.1uF
10K
JP2
R10
R11
10/5W
10/5W
12V
G D S
IRFZ44
IRF9540
10K
10K
LCD16CX2L
0.1uF
JP3
1N4148
1N4148
93C56
SETUP/STOP
DEC/CHARGE
INC/DISCHARGE
3.75V ADJ.
3.75V
5K
LCD CONTRAST
MCP3208
JP6
MBR360
L1
10K
0.1uF
0.1uF
10K
1K
0.1/5W
JP4
LM358N
JP5
LM358N
3K
27K
50K
B-
BATTERY
B+
1000uF


SMART BATTERY CHARGER
HOBBY-RC.COM (REV.1.04)


SMART BATTERY CHARGER
RS232
RX
TX
VCC
POWER
470
470
470
470
DISCHARGE
CHARGE
ERROR
P89V51RD2
10K
10K
4K7
1K
10K
JP2
B
C
7805
R10
R11
10/5W
10/5W
12V
1K
1K
IRFZ44
IRF9540
G D S
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3.75V
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L1
BR360
BR360
10K
1K
0.1/5W
10K
LM358N
LM358N
3K
JP4
JP5
10K
50K
10K
50K
10K
50K
27K
B-
B+
BATTERY
1000uF