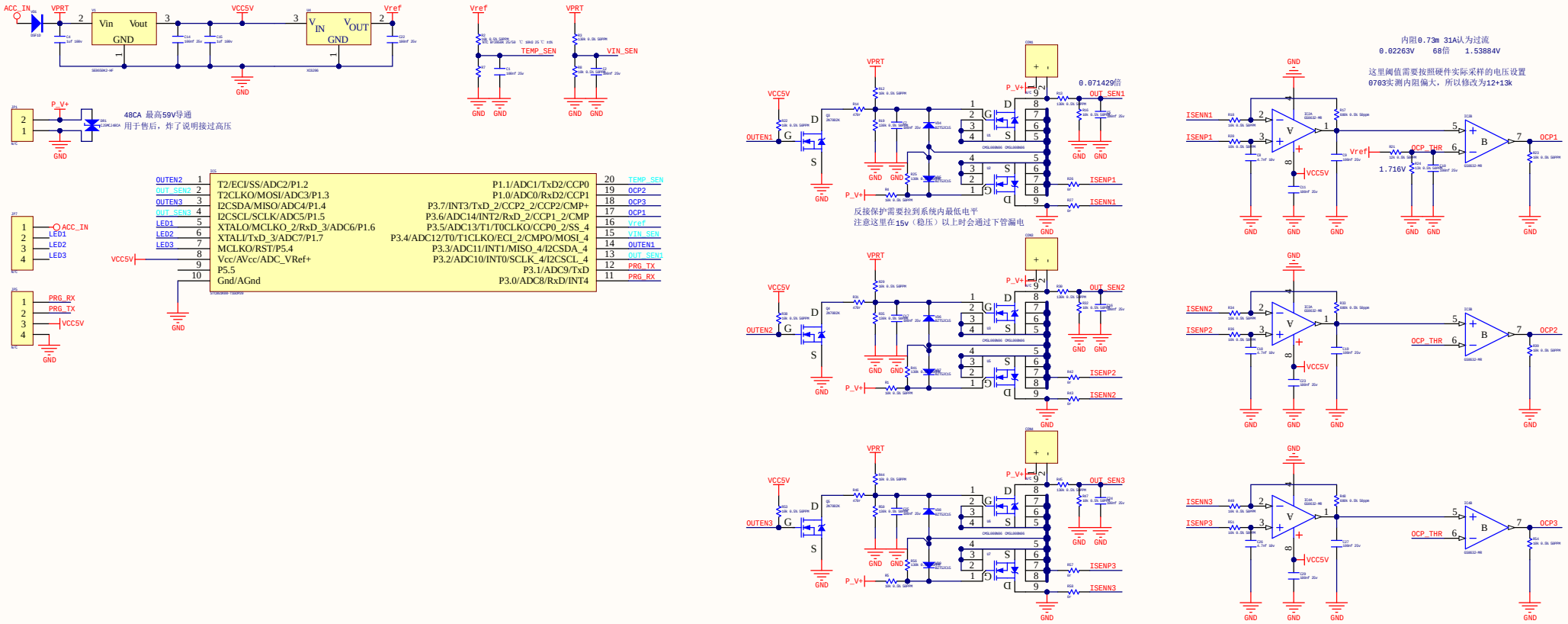
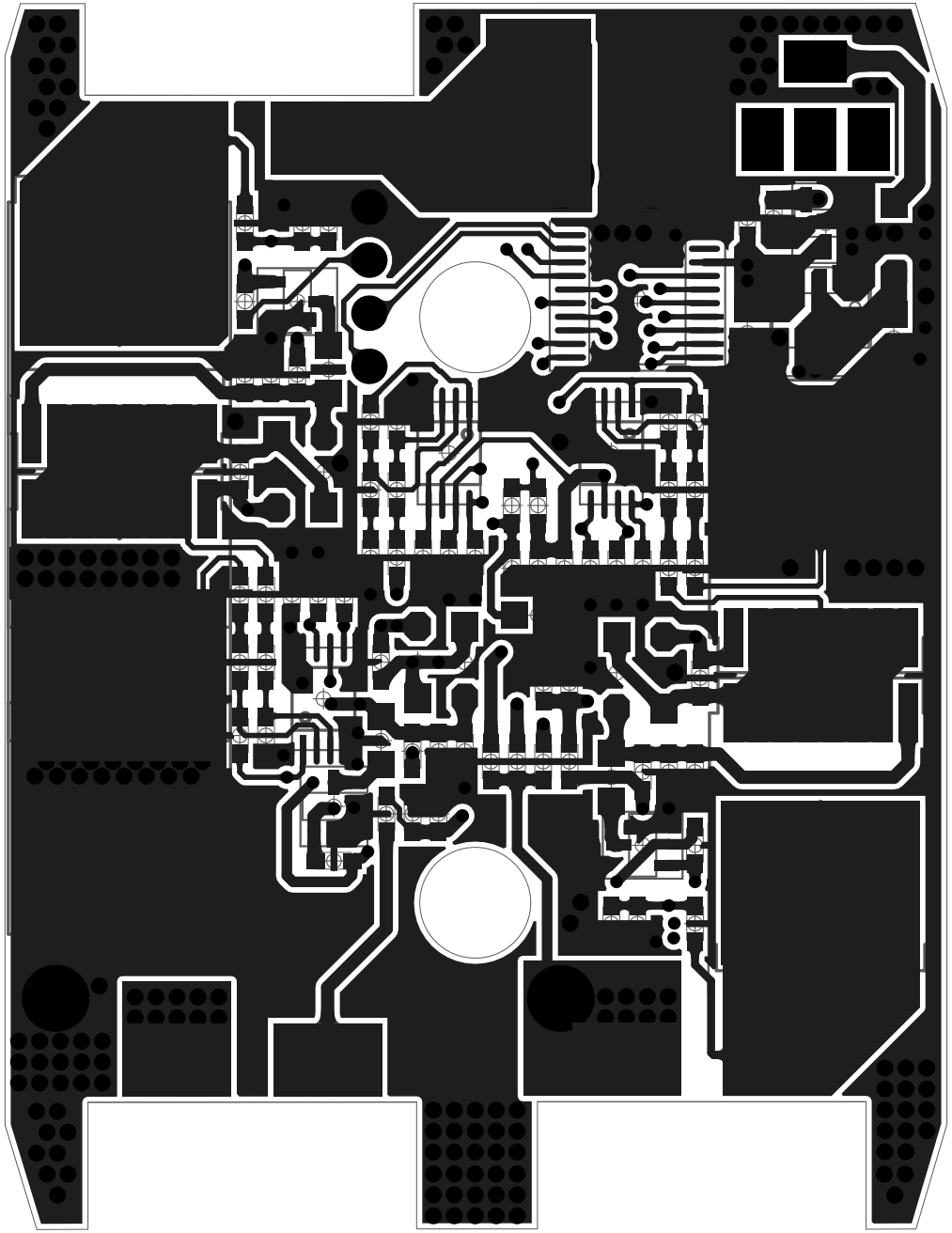
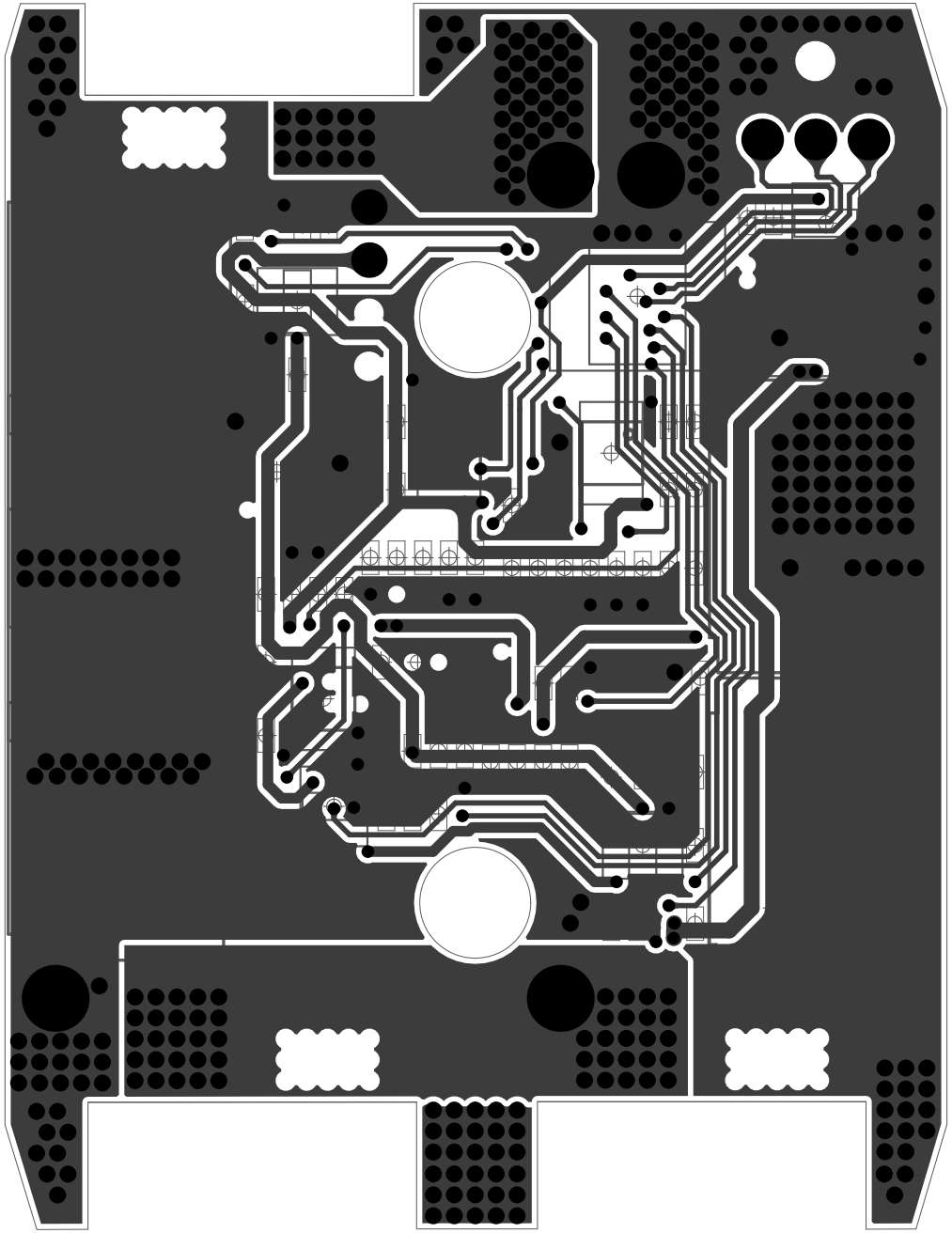
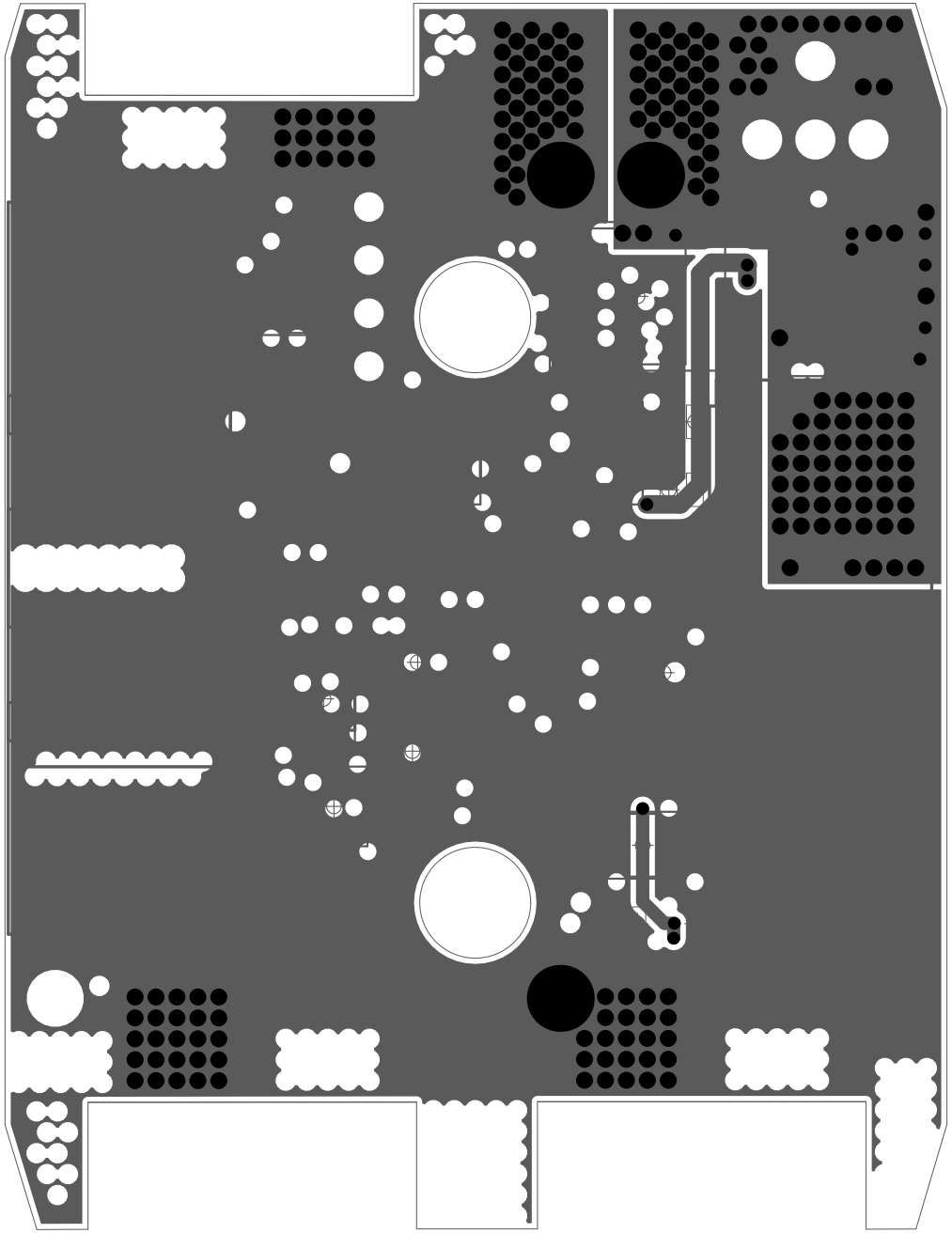
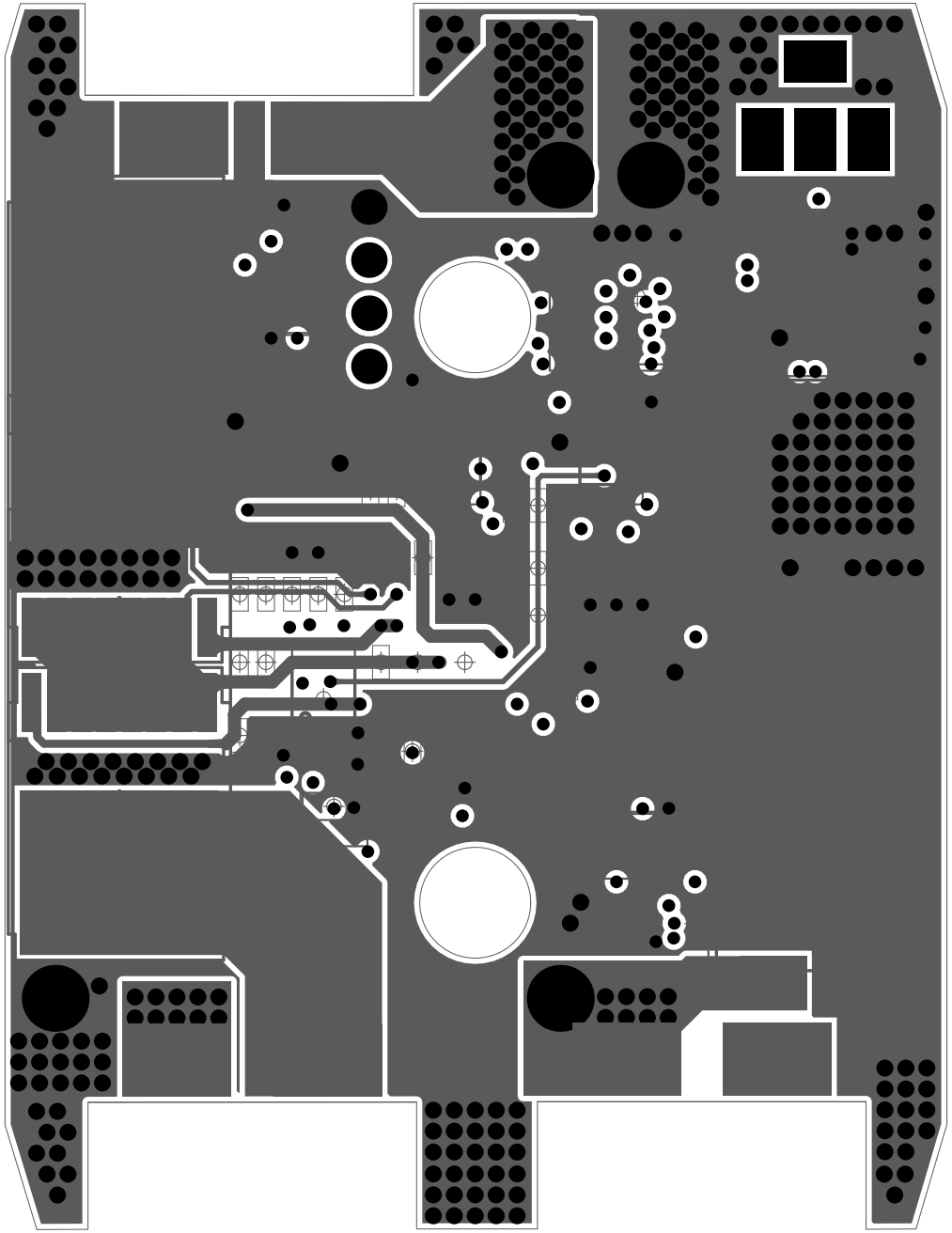
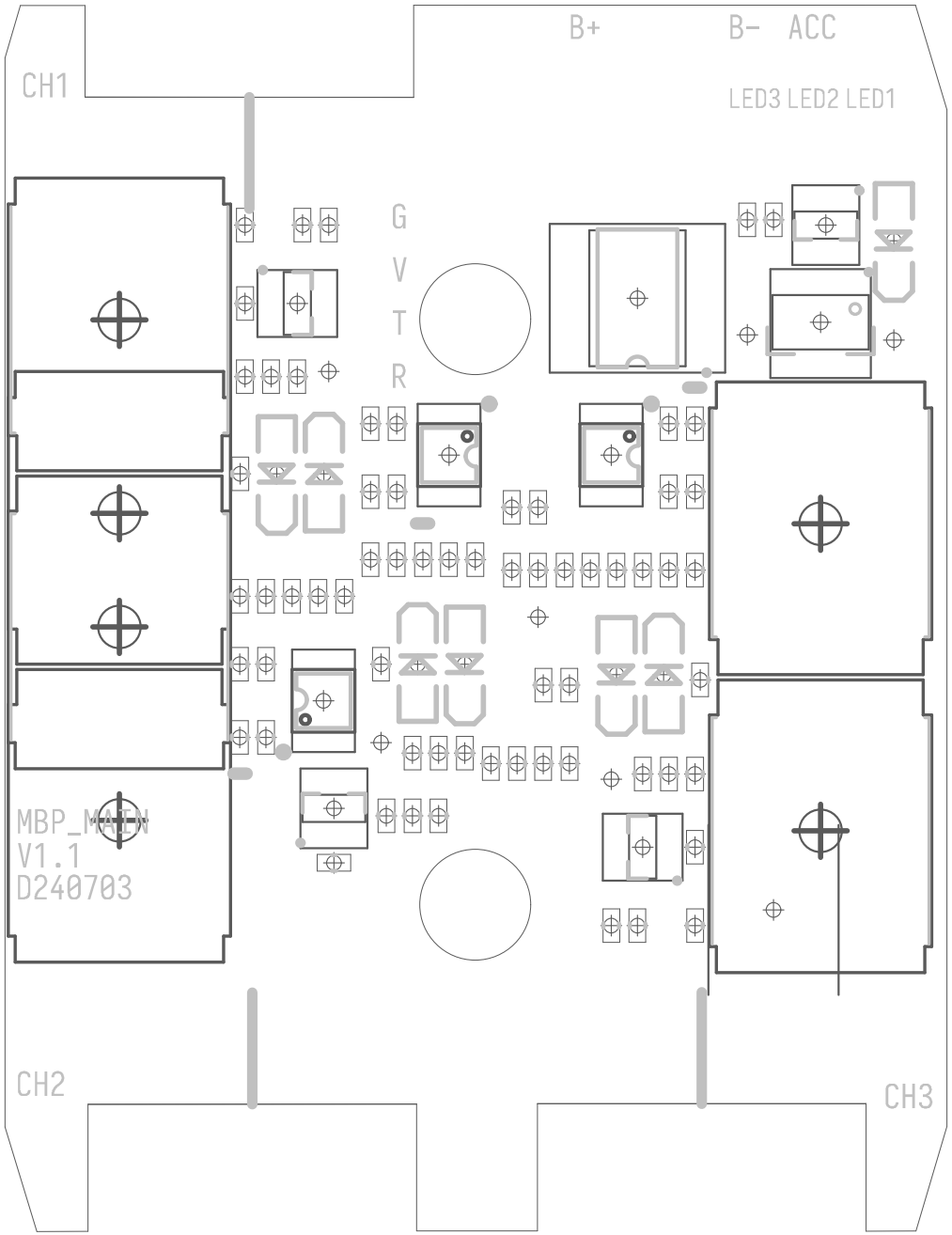

ACC_IN
VPRT
Vin
Vout
GND
VCC5V
VIN
VOUT
Vref
TEMP_SEN
VIN_SEN
P_V+
48CA 最高59V导通
用于售后，炸了说明接过高压
LED1
LED2
LED3
PRG_RX
PRG_TX
OUTEN2
OUT_SEN2
OUTEN3
OUT_SEN3
T2/ECI/SS/ADC2/P1.2
T2CLKO/MOSI/ADC3/P1.3
I2CSDA/MISO/ADC4/P1.4
I2CSCL/SCLK/ADC5/P1.5
XTALO/MCLKO_2/RxD_3/ADC6/P1.6
XTALI/TxD_3/ADC7/P1.7
MCLKO/RST/P5.4
Vcc/AVcc/ADC_VRef+
P5.5
Gnd/AGnd
P1.1/ADC1/TxD2/CCP0
P1.0/ADC0/RxD2/CCP1
P3.7/INT3/TxD_2/CCP2_2/CCP2/CMP+
P3.6/ADC14/INT2/RxD_2/CCP1_2/CMP
P3.5/ADC13/T1/T0CLKO/CCP0_2/SS_4
P3.4/ADC12/T0/T1CLKO/ECI_2/CMPO/MOSI_4
P3.3/ADC11/INT1/MISO_4/I2CSDA_4
P3.2/ADC10/INT0/SCLK_4/I2CSCL_4
P3.1/ADC9/TxD
P3.0/ADC8/RxD/INT4
OCP2
OCP3
OCP1
Vref
VIN_SEN
OUTEN1
OUT_SEN1
PRG_TX
PRG_RX
0.071429倍
OUT_SEN1
ISENP1
ISENN1
反接保护需要拉到系统内最低电平
注意这里在15v（稳压）以上时会通过下管漏电
OUT_SEN2
ISENP2
ISENN2
OUT_SEN3
ISENP3
ISENN3
内阻0.73m 31A认为过流
0.02263V 68倍 1.53884V
这里阈值需要按照硬件实际采样的电压设置
0703实测内阻偏大，所以修改为12+13k
1.716V
OCP_THR
OCP1
OCP2
OCP3










B+
B-
ACC
CH1
LED3 LED2 LED1
G
V
T
R
MBP_MAIN
V1.1
D240703
CH2
CH3

