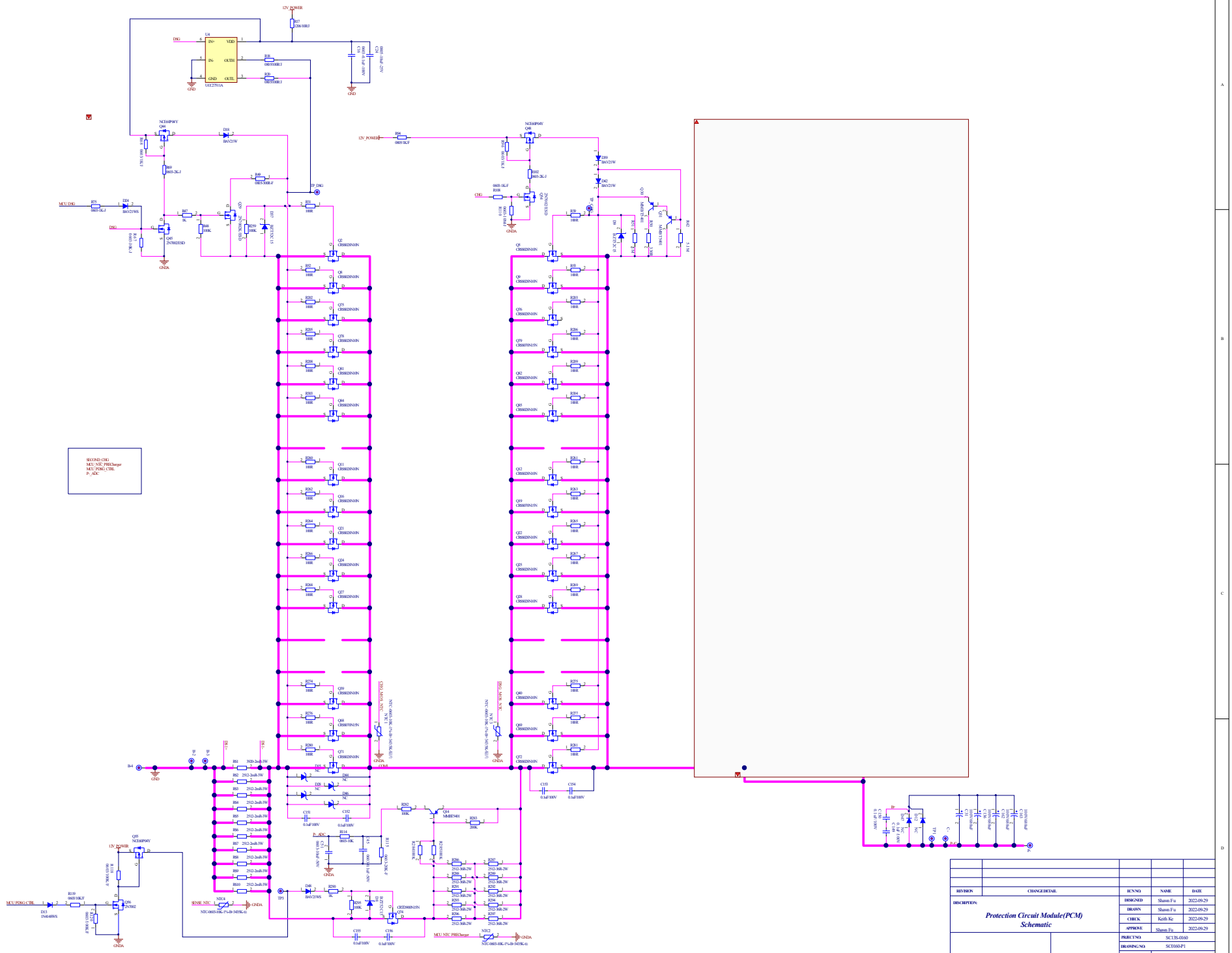
12V POWER
U4
UCC27511A
DSG
GND
C21
0805-2N2-25V
C10
0805-1uF-100V
R27
2512-10R3
R28
0805-0R3
R29
0805-0R3
NE3400P04Y
Q44
D35
BAV21W
R43
0805-2K-J
R49
0805-5R6-F
R47
1K
R48
100K
Q45
2N7002ESD
Q46
R51
100K
LED1
RC2512-15
MCU DSG
R55
0805-1K-J
D34
BAV21WS
R46
0805-1K-F
12V_POWER
R56
0805-1K-F
NE3400P04Y
Q48
D39
BAV21W
D42
BAV21W
R42
0805-2K-J
CHG
R108
0805-1K-F
2N7002ESD
Q50
R39
100K
Q2
CRSS020N10N
Q8
CRSS020N10N
Q9
CRSS020N10N
Q6
CRSS020N10N
Q59
CRSS070N15N
Q1
CRSS020N10N
Q2
CRSS020N10N
Q5
CRSS020N10N
Q12
CRSS020N10N
Q9
CRSS070N15N
Q22
CRSS020N10N
Q5
CRSS020N10N
Q28
CRSS020N10N
Q40
CRSS020N10N
Q39
CRSS020N10N
Q72
CRSS020N10N
Q29
CRSS020N10N
Q56
CRSS070N15N
Q71
CRSS020N10N
D45
NC
D44
NC
D43
NC
D46
NC
C151
0.1uF/100V
C152
0.1uF/100V
C153
0.1uF/100V
C154
0.1uF/100V
NTC-0603-10K-1%-3B-3435K-0.1
CHG DSG MOS TEMP
NTC-0603-10K-1%-3B-3435K-0.1
DSG MOS TEMP
B-
B+
RS1
3920-2mR-5W
RS2
2512-2mR-5W
RS3
2512-2mR-5W
RS4
2512-2mR-5W
RS5
2512-2mR-5W
RS6
2512-2mR-5W
RS7
2512-2mR-5W
RS8
2512-2mR-5W
RS9
2512-2mR-5W
RS10
2512-2mR-5W
SENSE_NTC
NTC-0603-10K-1%-3B-3435K-0.1
TP1
TP DSG
P_ADC
R114
0805-10K
C115
0.1uF/100V
R116
0805-1K-F
R48
BAV21WS
R50
1K
R50
10K
D38
BZT52C3V3
Q54
CHTD0401N15N
C155
0.1uF/100V
C156
0.1uF/100V
R252
10K
Q54
MMBT5401
R253
10K
R256
2512-30R-2W
R257
2512-30R-2W
R258
2512-30R-2W
R259
2512-30R-2W
R260
2512-30R-2W
R261
2512-30R-2W
R262
2512-30R-2W
R263
2512-30R-2W
R264
2512-30R-2W
R265
2512-30R-2W
R266
2512-30R-2W
R267
2512-30R-2W
MCU_NTC_PHECharger
NTC2
NTC-0603-10K-1%-3B-3435K-0.1
12V_POWER
Q55
NE3400P04Y
R118
0805-1K-F
R119
0805-10K-F
Q56
2N7002
MCU PDSG CTRL
D13
1N4148WS
C119
0805-1uF-100V
GNDA
Br
C13
NC
D12
NC
C14
0805-1uF-100V
C15
0805-1uF-100V
C16
0805-1uF-100V
C17
0805-1uF-100V
C18
0805-1uF-100V
C19
0805-1uF-100V
C20
0805-1uF-100V
C21
0805-1uF-100V
C22
0805-1uF-100V
C23
0805-1uF-100V
C24
0805-1uF-100V
C25
0805-1uF-100V
C26
0805-1uF-100V
C27
0805-1uF-100V
C28
0805-1uF-100V
C29
0805-1uF-100V
C30
0805-1uF-100V
C31
0805-1uF-100V
C32
0805-1uF-100V
C33
0805-1uF-100V