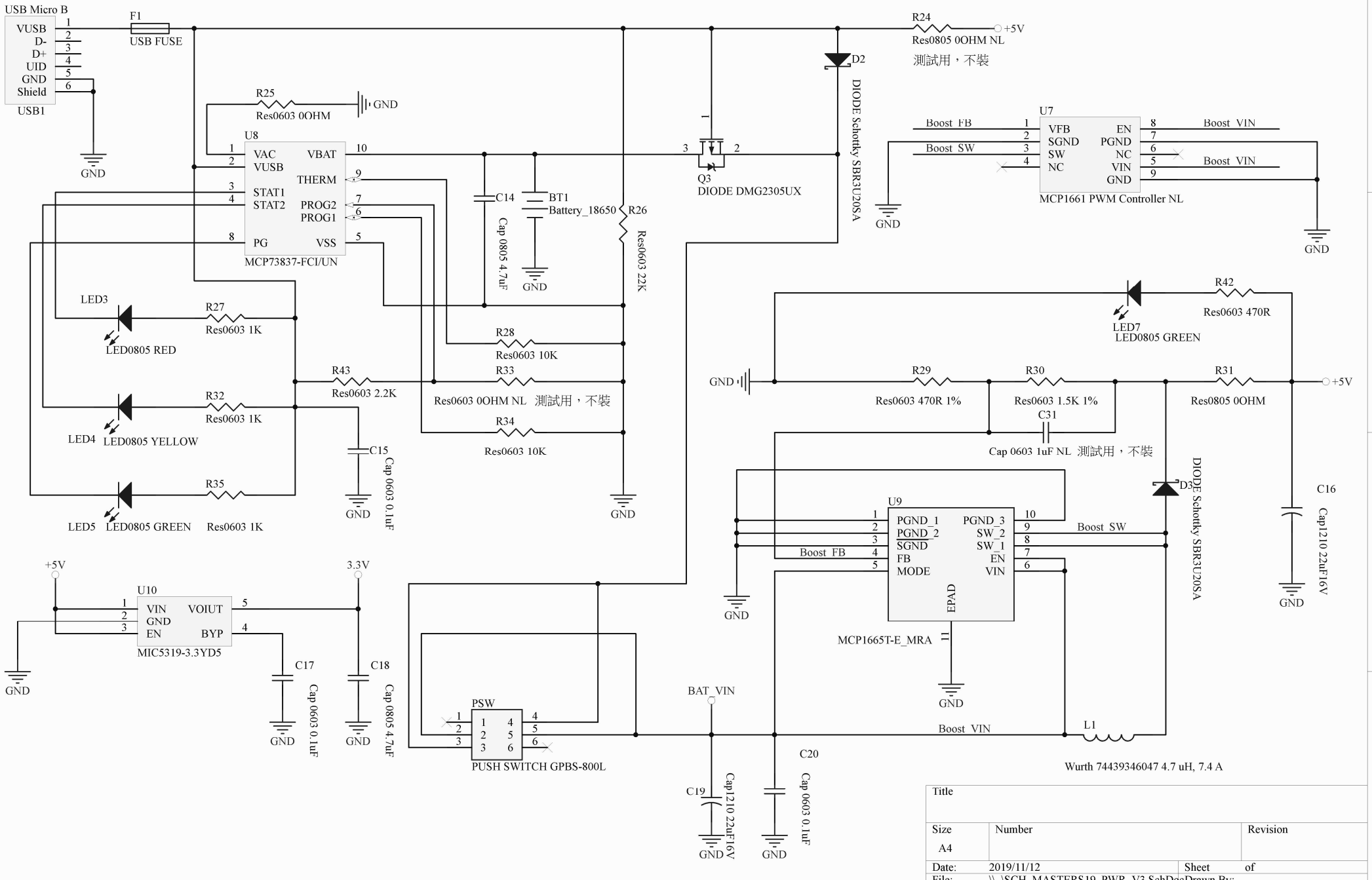
USB Micro B
VUSB
D-
D+
UID
GND
Shield
USB1
F1
USB FUSE
R24
Res0805 0OHM NL
+5V
測試用，不裝
D2
DIODE Schottky SBR3U20SA
R25
Res0603 0OHM
GND
U8
VAC
VUSB
VBAT
THERM
STAT1
STAT2
PROG2
PROG1
PG
VSS
MCP73837-FCI/UN
C14
Cap 0805 4.7uF
BT1
Battery_18650
R26
Res0603 22K
Q3
DIODE DMG2305UX
U7
VFB
SGND
SW
NC
EN
PGND
NC
VIN
GND
MCP1661 PWM Controller NL
Boost_FB
Boost_SW
Boost_VIN
LED3
LED0805 RED
R27
Res0603 1K
R28
Res0603 10K
R43
Res0603 2.2K
R33
Res0603 0OHM NL 測試用，不裝
R34
Res0603 10K
R32
Res0603 1K
LED4
LED0805 YELLOW
C15
Cap 0603 0.1uF
R35
LED5
LED0805 GREEN
Res0603 1K
LED7
LED0805 GREEN
R42
Res0603 470R
R29
Res0603 470R 1%
R30
Res0603 1.5K 1%
R31
Res0805 0OHM
C31
Cap 0603 1uF NL 測試用，不裝
U9
PGND_1
PGND_2
SGND
FB
MODE
PGND_3
SW_2
SW_1
EN
VIN
EPAD
MCP1665T-E_MRA
D3
DIODE Schottky SBR3U20SA
C16
Cap1210 22uF16V
+5V
3.3V
U10
VIN
GND
EN
VOIUT
BYP
MIC5319-3.3YD5
C17
Cap 0603 0.1uF
C18
Cap 0805 4.7uF
PSW
PUSH SWITCH GPBS-800L
BAT_VIN
Boost_VIN
L1
Wurth 74439346047 4.7 uH, 7.4 A
C19
Cap1210 22uF16V
C20
Cap 0603 0.1uF
Title
Size
A4
Number
Revision
Date:
2019/11/12
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File:
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Drawn By: