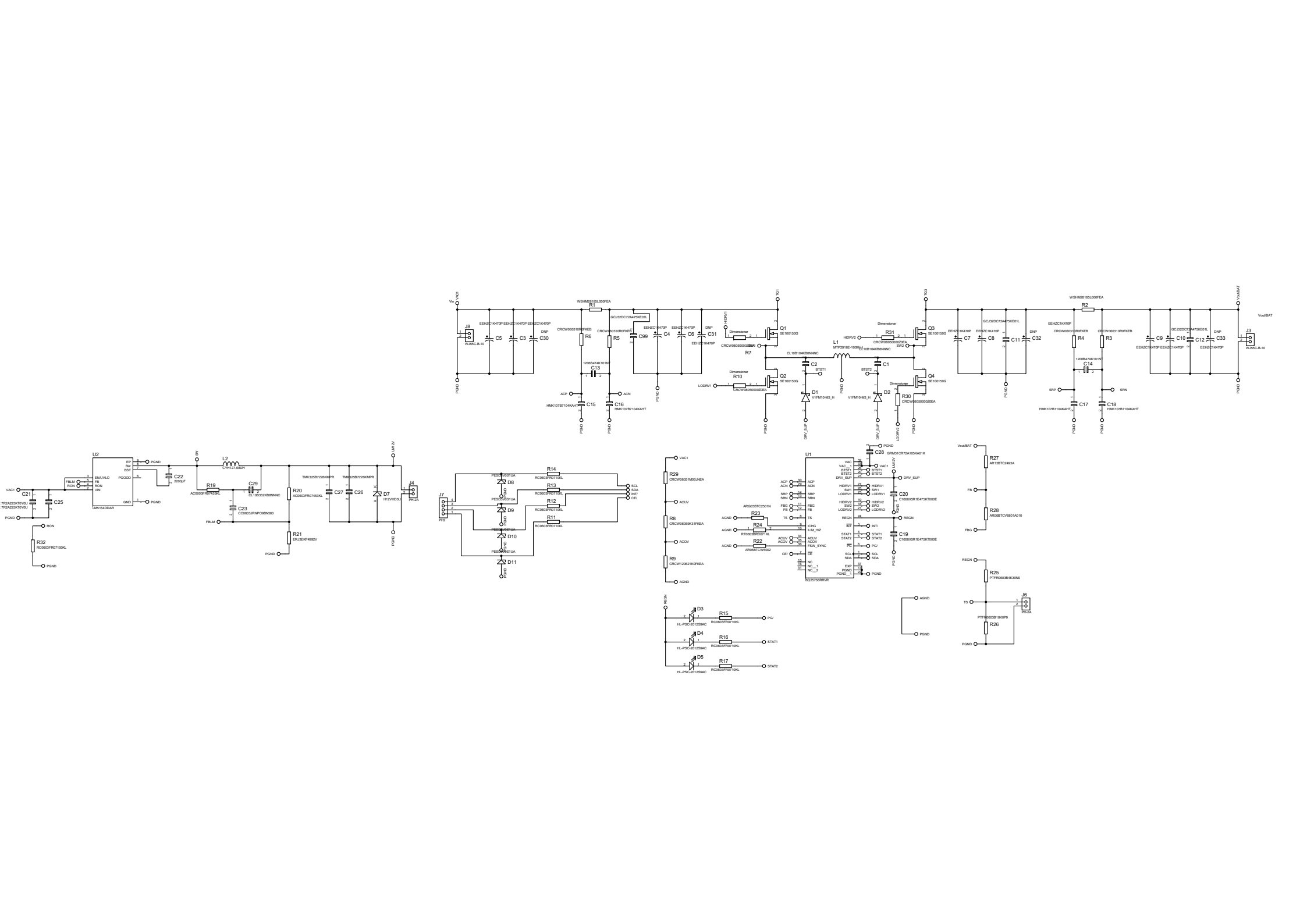
U2
EN/UVLO
FB
RON
VIN
EP
SW
BST
PGOOD
GND
LM5164DDAR
L2
CYH127-6BJR
R19
R20
R21
C29
C23
C22
2200pF
C21
C25
R32
J4
PH-2A
J7
D8
D9
D10
D11
R14
R13
R12
R11
U1
R29
R8
R9
R23
R24
R22
D3
D4
D5
R15
R16
R17
R27
R28
R25
R26
J6
Q1
Q2
Q3
Q4
R1
R2
R3
R4
R5
R6
R7
R10
R31
R30
C1
C2
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C30
C31
C32
C33
C99
L1
D1
D2
J3
J8
J9
VAC1
PGND
SW
FBLM
RON
VIN
VOUT
VoutBAT
SCL
SDA
INT/
CE/
PG/
STAT1
STAT2
REGN
TS
FB
FBG
SRP
SRN
ACP
ACN
ACUV
ACOV
AGND
HIDRV1
HIDRV2
LODRV1
LODRV2
BTST1
BTST2
DRV_SUP
DRV_SUP
LODRV2
LODRV1