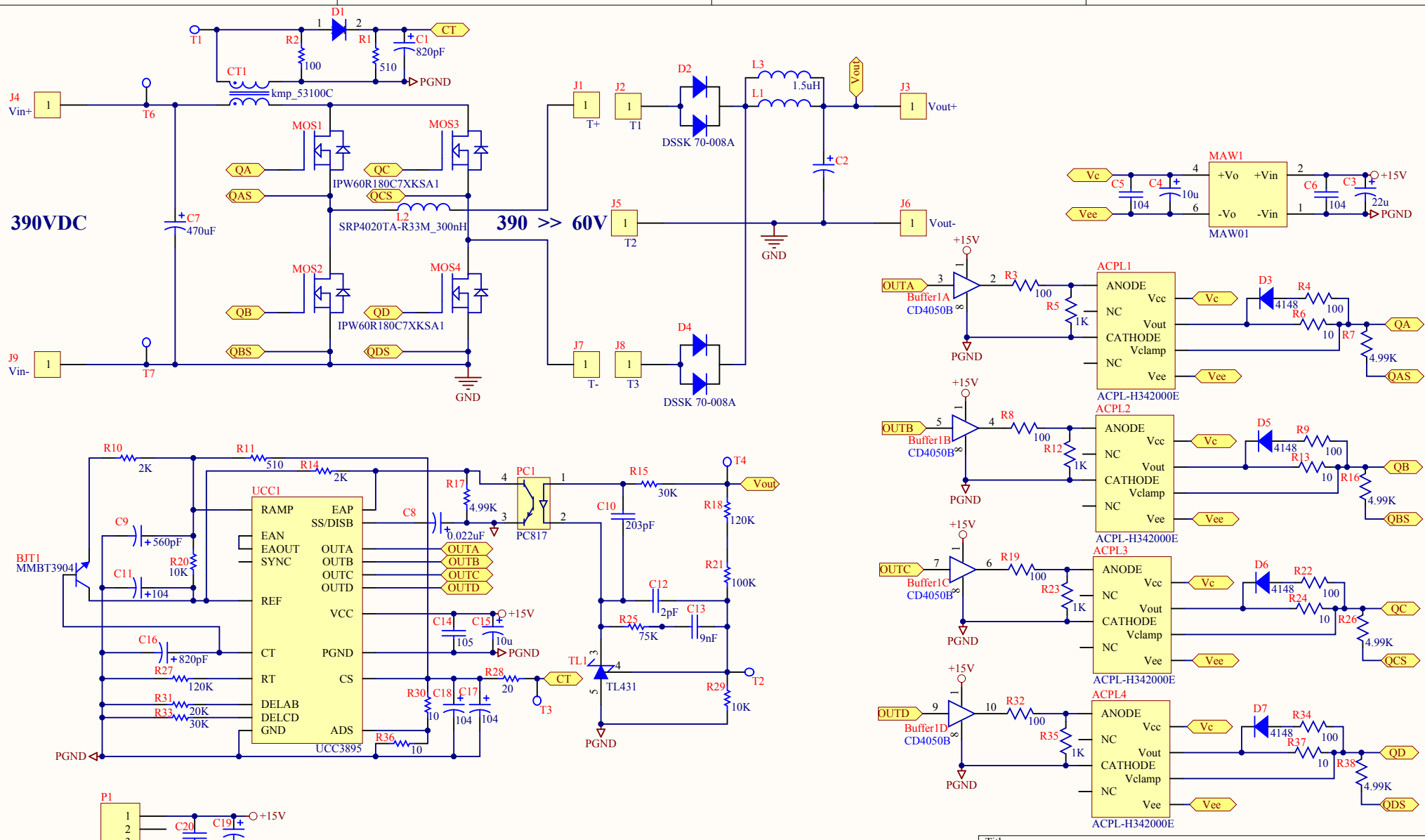
390VDC
390 >> 60V
J4 Vin+
J9 Vin-
T1
T6
T7
CT1
kmp_53100C
D1
R2 100
R1 510
C1 820pF
CT
PGND
C7 470uF
MOS1
MOS2
MOS3
MOS4
QA
QB
QC
QD
QAS
QBS
QCS
QDS
IPW60R180C7XKSA1
L2 SRP4020TA-R33M_300nH
GND
J1 T+
J2 T1
J5 T2
J7 T-
J8 T3
D2
D4
DSSK 70-008A
L3 1.5uH
L1
Vout
C2
J3 Vout+
J6 Vout-
UCC1
UCC3895
RAMP
EAP
SS/DISB
EAN
EAOUT
SYNC
OUTA
OUTB
OUTC
OUTD
REF
VCC
CT
PGND
RT
CS
DELAB
DELCD
GND
ADS
R10 2K
R11 510
R14 2K
C9 560pF
R20 10K
C11 104
BJT1 MMBT3904
C16 820pF
R27 120K
R31 20K
R33 30K
C8 0.022uF
R17 4.99K
PC1
PC817
R15 30K
C10 203pF
R18 120K
R21 100K
C12 2pF
C13 9nF
R25 75K
C14 105
C15 10u
+15V
TL1
TL431
R28 20
R30 10
C18 104
C17 104
R36 10
R29 10K
T3
T4
T2
Vout
P1
Header 3
C20 104
C19 100uF
T5
MAW1
MAW01
+Vo
+Vin
-Vo
-Vin
Vc
Vee
C5 104
C4 10u
C6 104
C3 22u
ACPL1
ACPL2
ACPL3
ACPL4
ACPL-H342000E
ANODE
NC
Vout
CATHODE
Vclamp
Vcc
Vee
OUTA
OUTB
OUTC
OUTD
Buffer1A CD4050B
Buffer1B CD4050B
Buffer1C CD4050B
Buffer1D CD4050B
R3 100
R5 1K
R8 100
R12 1K
R19 100
R23 1K
R32 100
R35 1K
D3
D5
D6
D7
R4 4148
R6 100
R7 10
4.99K
R9 4148
R13 100
R16 10
R22 4148
R24 100
R26 10
R34 4148
R37 100
R38 10
QA
QB
QC
QD
QAS
QBS
QCS
QDS
Title
Size A4
Number
Revision
Date: 2018/5/21
Sheet of
File: C:\Users\..\PSFB_V2.SCH
Drawn By: