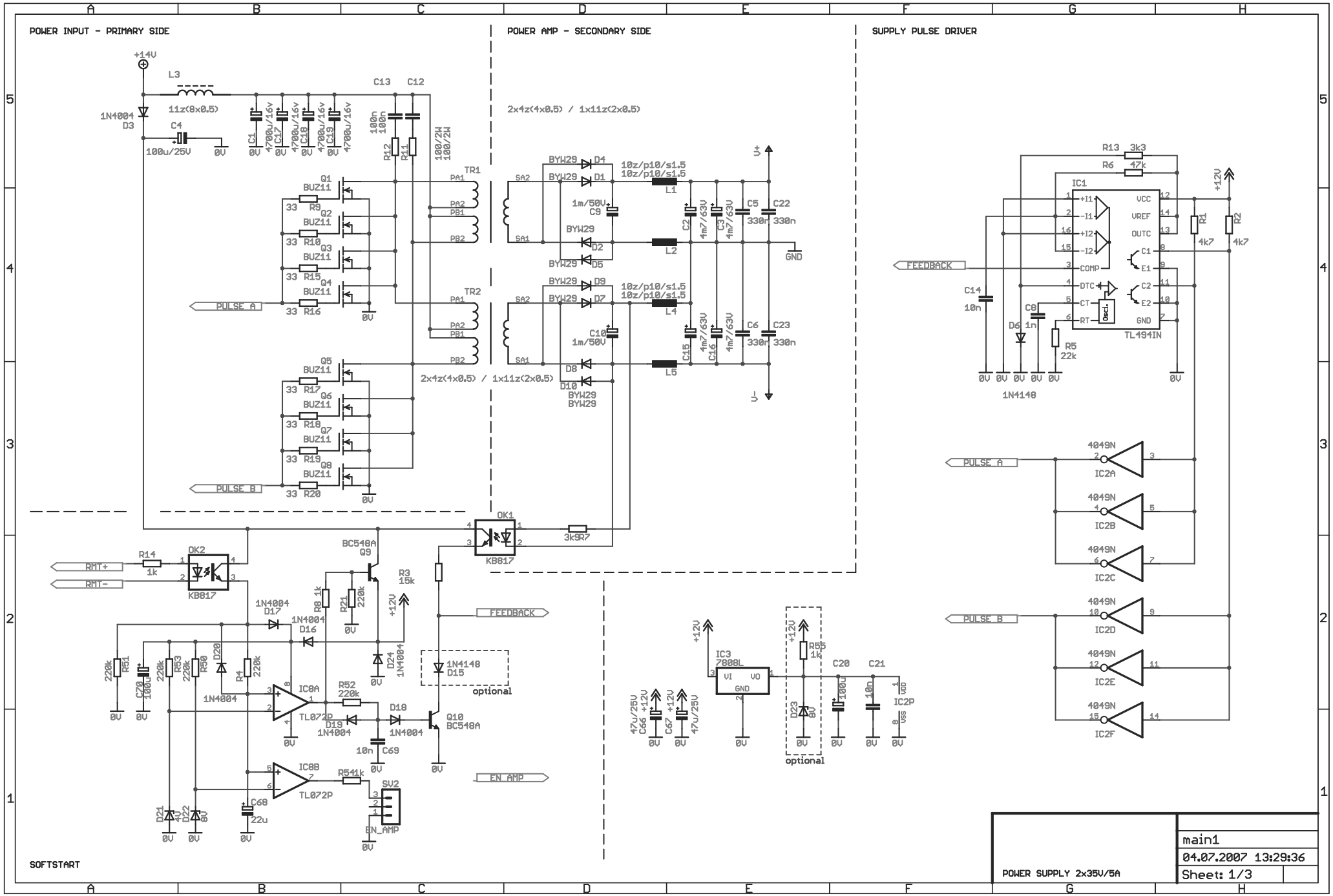
POWER INPUT - PRIMARY SIDE
POWER AMP - SECONDARY SIDE
SUPPLY PULSE DRIVER
+14V
L3
11z(8x0.5)
1N4001
D3
C4
100u/25V
C1
C17
C18
C19
4700u/16v
C13
C12
100n
R12
R11
100/2W
TR1
TR2
Q1
Q2
Q3
Q4
Q5
Q6
Q7
Q8
BUZ11
R9
R10
R15
R16
R17
R18
R19
R20
33
PULSE_A
PULSE_B
PA1
PA2
PB1
PB2
SA1
SA2
2x4z(4x0.5) / 1x11z(2x0.5)
BYW29
D1
D2
D4
D5
D7
D8
D9
D10
10z/p10/s1.5
L1
L2
L4
L5
1m/50V
C9
C10
C2
C3
C15
C16
4m7/63V
C5
C6
C22
C23
330n
330r
U+
U-
GND
R13
3k3
R6
47k
IC1
TL494IN
VCC
VREF
OUTC
COMP
DTC
CT
RT
GND
Osci.
C14
10n
C8
1n
D6
R5
22k
R1
R2
4k7
1N4148
FEEDBACK
4049N
IC2A
IC2B
IC2C
IC2D
IC2E
IC2F
OK1
KB817
3k9R7
OK2
R14
1k
RMT+
RMT-
BC548A
Q9
R3
15k
R8 1k
R21
220k
+12V
1N4004
D17
D16
D24
D20
R51
C70
100u
R53
R50
R4
IC8A
TL072P
R52
220k
D18
D19
Q10
1N4148
D15
optional
10n
C69
IC8B
R54 1k
SV2
EN_AMP
D21
D22
C68
22u
IC3
7808L
VI
VO
GND
47u/25V
C66
C67
R55
1k
D23
8V
C20
C21
100u
10n
IC2P
VDD
VSS
SOFTSTART
POWER SUPPLY 2x35V/5A
main1
04.07.2007 13:29:36
Sheet: 1/3