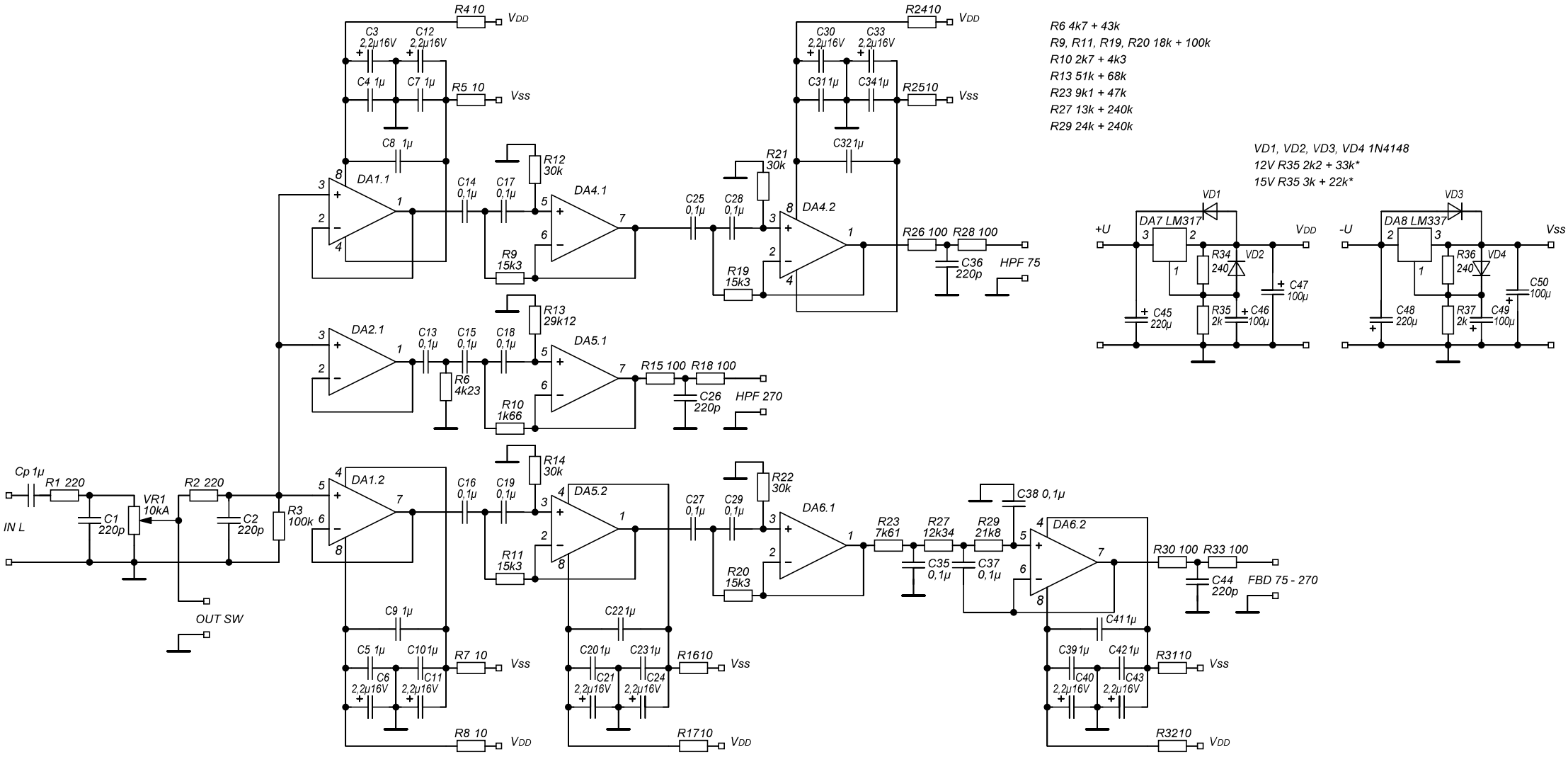
R4 10
VDD
C3 2,2µ16V
C12 2,2µ16V
C4 1µ
C7 1µ
R5 10
Vss
C8 1µ
DA1.1
R12 30k
C14 0,1µ
C17 0,1µ
DA4.1
R9 15k3
C25 0,1µ
C28 0,1µ
R21 30k
DA4.2
R19 15k3
R2410
VDD
C30 2,2µ16V
C33 2,2µ16V
C311µ
C341µ
R2510
Vss
C321µ
R26 100
R28 100
C36 220p
HPF 75
R6 4k7 + 43k
R9, R11, R19, R20 18k + 100k
R10 2k7 + 4k3
R13 51k + 68k
R23 9k1 + 47k
R27 13k + 240k
R29 24k + 240k
VD1, VD2, VD3, VD4 1N4148
12V R35 2k2 + 33k*
15V R35 3k + 22k*
VD1
+U
DA7 LM317
VDD
R34 240
VD2
C47 100µ
C45 220µ
R35 2k
C46 100µ
VD3
-U
DA8 LM337
Vss
R36 240
VD4
C50 100µ
C48 220µ
R37 2k
C49 100µ
DA2.1
C13 0,1µ
C15 0,1µ
C18 0,1µ
R13 29k12
DA5.1
R6 4k23
R10 1k66
R15 100
R18 100
C26 220p
HPF 270
Cp 1µ
R1 220
VR1 10kA
R2 220
IN L
C1 220p
C2 220p
R3 100k
OUT SW
DA1.2
C16 0,1µ
C19 0,1µ
R14 30k
DA5.2
R11 15k3
C27 0,1µ
C29 0,1µ
R22 30k
DA6.1
R20 15k3
R23 7k61
R27 12k34
R29 21k8
C38 0,1µ
DA6.2
C35 0,1µ
C37 0,1µ
R30 100
R33 100
C44 220p
FBD 75 - 270
C9 1µ
C5 1µ
C101µ
C6 2,2µ16V
C11 2,2µ16V
R7 10
R8 10
C221µ
C201µ
C231µ
C21 2,2µ16V
C24 2,2µ16V
R1610
R1710
C411µ
C391µ
C421µ
C40 2,2µ16V
C43 2,2µ16V
R3110
R3210