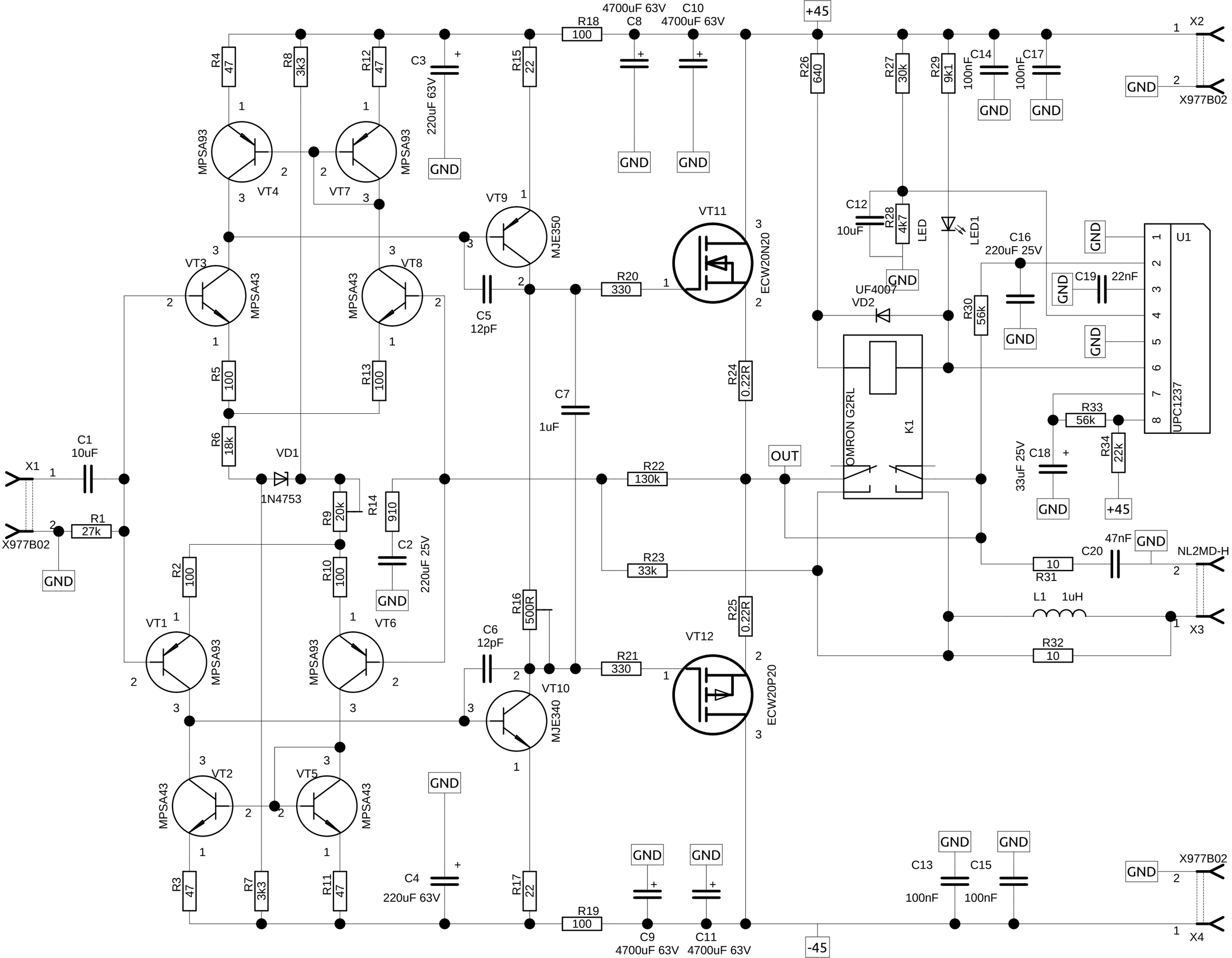
+45
-45
GND
OUT
X1
X977B02
X2
X3
X4
NL2MD-H
C1 10uF
R1 27k
R2 100
R3 47
R4 47
R5 100
R6 18k
R7 3k3
R8 3k3
R9 20k
R10 100
R11 47
R12 47
R13 100
R14 910
R15 22
R16 500R
R17 22
R18 100
R19 100
R20 330
R21 330
R22 130k
R23 33k
R24 0.22R
R25 0.22R
R26 640
R27 30k
R28 4k7
R29 9k1
R30 56k
R31 10
R32 10
R33 56k
R34 22k
C2 220uF 25V
C3 220uF 63V
C4 220uF 63V
C5 12pF
C6 12pF
C7 1uF
C8 4700uF 63V
C9 4700uF 63V
C10 4700uF 63V
C11 4700uF 63V
C12 10uF
C13 100nF
C14 100nF
C15 100nF
C16 220uF 25V
C17 100nF
C18 33uF 25V
C19 22nF
C20 47nF
L1 1uH
VD1 1N4753
VD2 UF4007
LED
LED1
VT1 MPSA93
VT2 MPSA43
VT3 MPSA43
VT4 MPSA93
VT5 MPSA43
VT6 MPSA93
VT7 MPSA93
VT8 MPSA43
VT9 MJE350
VT10 MJE340
VT11 ECW20N20
VT12 ECW20P20
K1 OMRON G2RL
U1 UPC1237