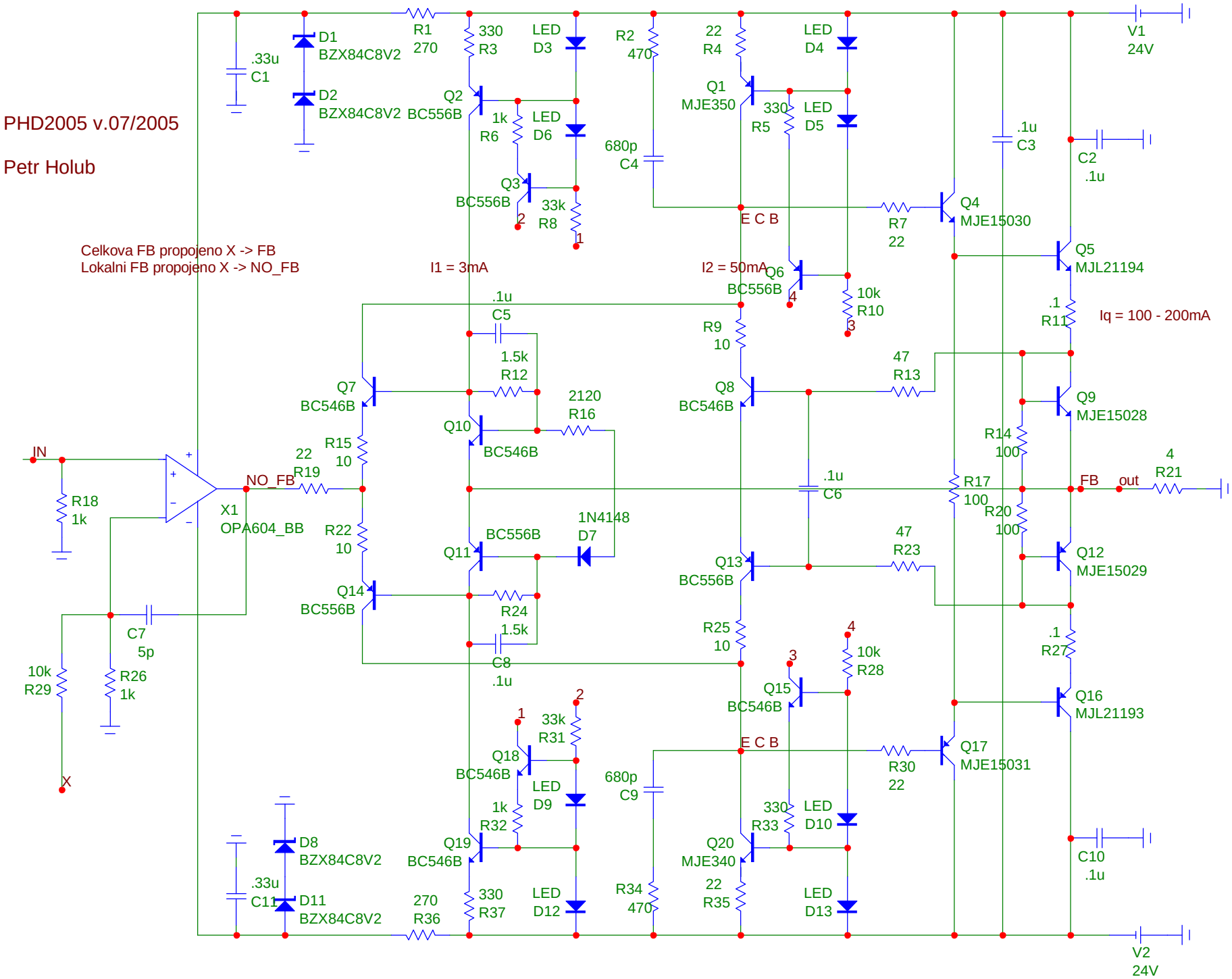
PHD2005 v.07/2005
Petr Holub
Celkova FB propojeno X -> FB
Lokalni FB propojeno X -> NO_FB
I1 = 3mA
I2 = 50mA
Iq = 100 - 200mA
V1
24V
V2
24V
IN
X
NO_FB
FB
out
X1
OPA604_BB
D1
BZX84C8V2
D2
BZX84C8V2
D8
BZX84C8V2
D11
BZX84C8V2
.33u
C1
.33u
C11
R1
270
R2
470
R3
330
R4
22
R5
330
R6
1k
R7
22
R8
33k
R9
10
R10
10k
R11
.1
R12
1.5k
R13
47
R14
100
R15
10
R16
2120
R17
100
R18
1k
R19
22
R20
100
R21
4
R22
10
R23
47
R24
1.5k
R25
10
R26
1k
R27
.1
R28
10k
R29
10k
R30
22
R31
33k
R32
1k
R33
330
R34
470
R35
22
R36
270
R37
330
C2
.1u
C3
.1u
C4
680p
C5
.1u
C6
.1u
C7
5p
C8
.1u
C9
680p
C10
.1u
Q1
MJE350
Q2
BC556B
Q3
BC556B
Q4
MJE15030
Q5
MJL21194
Q6
BC556B
Q7
BC546B
Q8
BC546B
Q9
MJE15028
Q10
BC546B
Q11
BC556B
Q12
MJE15029
Q13
BC556B
Q14
BC556B
Q15
BC546B
Q16
MJL21193
Q17
MJE15031
Q18
BC546B
Q19
BC546B
Q20
MJE340
D3
LED
D4
LED
D5
LED
D6
LED
D7
1N4148
D9
LED
D10
LED
D12
LED
D13
LED
E C B
E C B
1
2
3
4
1
2
3
4