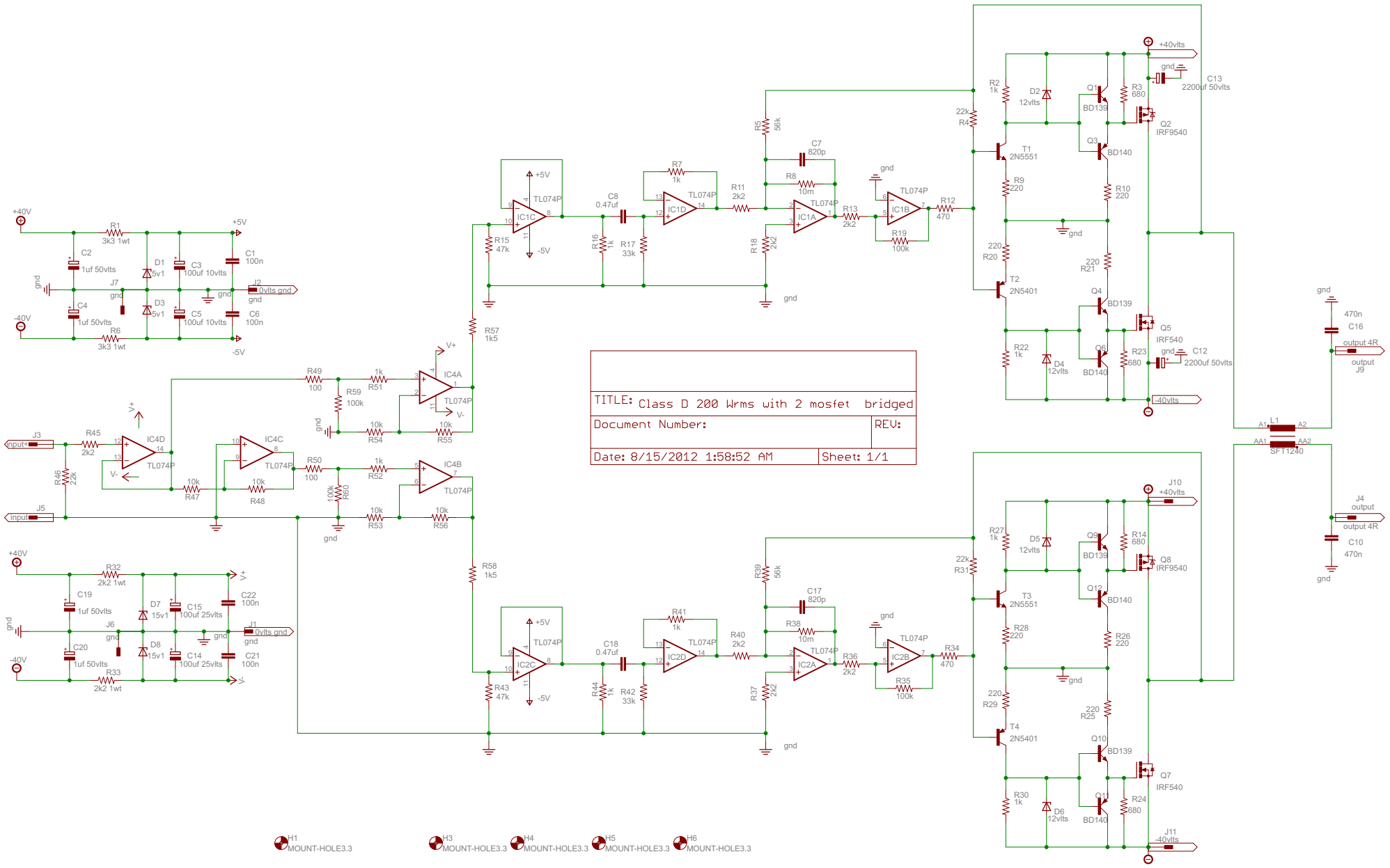
TITLE: Class D 200 Wrms with 2 mosfet bridged
Document Number:
REV:
Date: 8/15/2012 1:58:52 AM
Sheet: 1/1
+40V
-40V
+5V
-5V
gnd
R1 3k3 1wt
R2 1k
R3 680
R4 22k
R5 56k
R6 3k3 1wt
R7 1k
R8 10m
R9 220
R10 220
R11 2k2
R12 470
R13 2k2
R15 47k
R16 1k
R17 33k
R18 2k2
R19 100k
R20 220
R21 220
R22 1k
R23 680
R24 680
R25 220
R26 220
R27 1k
R28 220
R29 220
R30 1k
R31 22k
R32 2k2 1wt
R33 2k2 1wt
R34 470
R35 100k
R36 2k2
R37 2k2
R38 10m
R39 56k
R40 2k2
R41 1k
R42 33k
R43 47k
R44 1k
R45 2k2
R46 22k
R47 10k
R48 10k
R49 100
R50 100
R51 1k
R52 1k
R53 10k
R54 10k
R55 10k
R56 10k
R57 1k5
R58 1k5
R59 100k
R60 100k
C1 100n
C2 1uf 50vlts
C3 100uf 10vlts
C4 1uf 50vlts
C5 100uf 10vlts
C6 100n
C7 820p
C8 0.47uf
C10 470n
C12 2200uf 50vlts
C13 2200uf 50vlts
C15 100uf 25vlts
C16 470n
C17 820p
C18 0.47uf
C19 1uf 50vlts
C20 1uf 50vlts
C21 100n
C22 100n
C14 100uf 25vlts
D1 5v1
D2 12vlts
D3 5v1
D4 12vlts
D5 12vlts
D6 12vlts
D7 15v1
D8 15v1
Q1 BD139
Q2 IRF9540
Q3 BD140
Q4 BD139
Q5 IRF540
Q6 BD140
Q7 IRF540
Q8 IRF9540
Q9 BD139
Q10 BD139
Q11 BD140
Q12 BD140
T1 2N5551
T2 2N5401
T3 2N5551
T4 2N5401
L1 SFT1240
IC1A TL074P
IC1B TL074P
IC1C TL074P
IC1D TL074P
IC2A TL074P
IC2B TL074P
IC2C TL074P
IC2D TL074P
IC4A TL074P
IC4B TL074P
IC4C TL074P
IC4D TL074P
V+
V-
J1 0vlts gnd
J2 0vlts gnd
J3 input+
J4 output
J5 input-
J6
J7
J9 output 4R
J10 +40vlts
J11 -40vlts
output 4R
H1 MOUNT-HOLE3.3
H3 MOUNT-HOLE3.3
H4 MOUNT-HOLE3.3
H5 MOUNT-HOLE3.3
H6 MOUNT-HOLE3.3