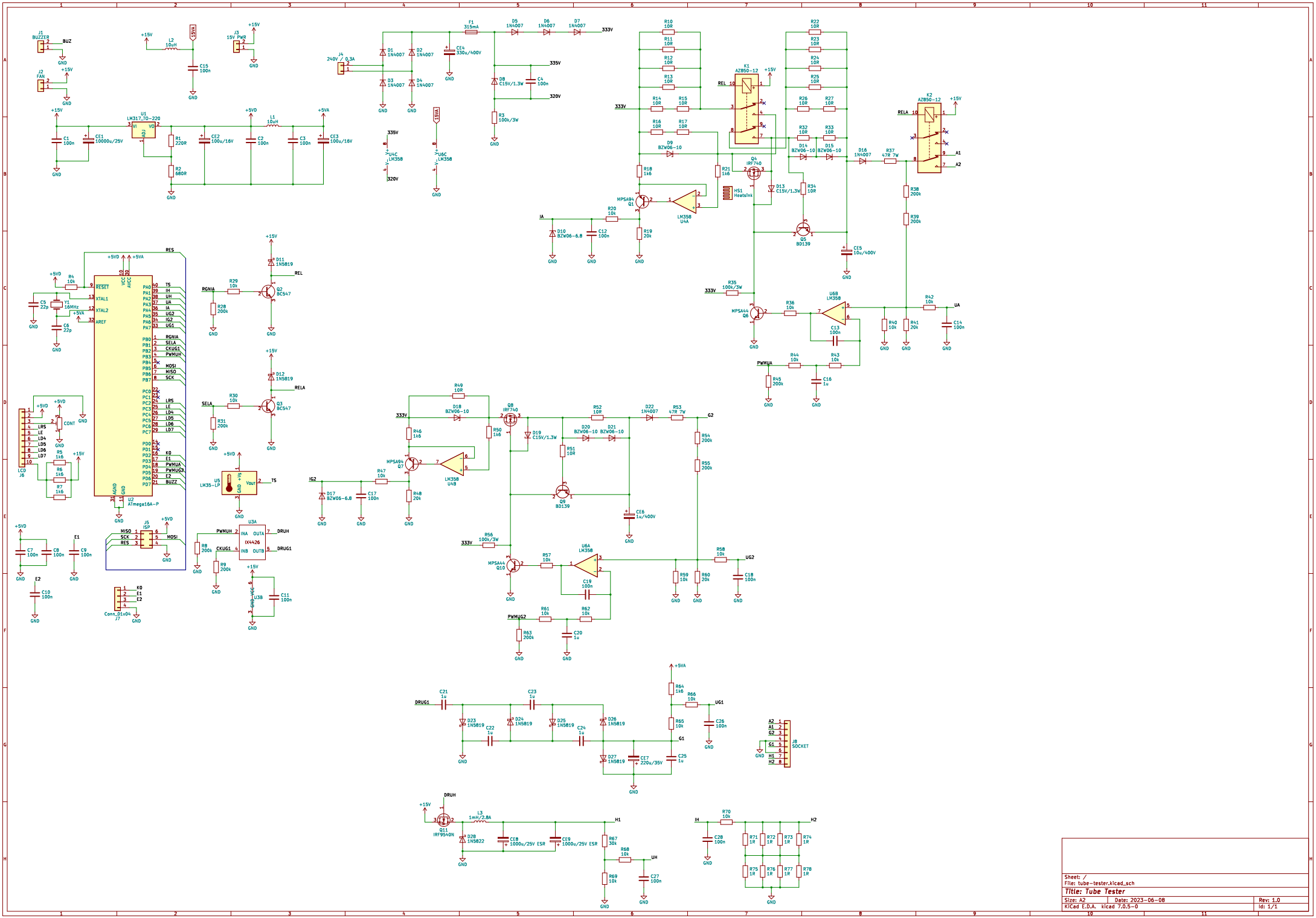
J1 BUZZER BUZ
J2 FAN
J3 15V PWR
L2 10uH
C15 100n
U1 LM317_TO-220
C1 100n
CE1 10000u/25V
R1 220R
R2 680R
CE2 100u/16V
C2 100n
L1 10uH
C3 100n
CE3 100u/16V
J4 240V / 0.3A
F1 315mA
D1 1N4007
D2 1N4007
D3 1N4007
D4 1N4007
CE4 330u/400V
D5 1N4007
D6 1N4007
D7 1N4007
D8 C15V/1.3W
C4 100n
R3 100k/3W
U4C LM358
U6C LM358
R10 10R
R11 10R
R12 10R
R13 10R
R14 10R
R15 10R
R16 10R
R17 10R
D9 BZW06-10
K1 AZ850-12
R22 10R
R23 10R
R24 10R
R25 10R
R26 10R
R27 10R
R32 10R
R33 10R
D14 BZW06-10
D15 BZW06-10
K2 AZ850-12
D16 1N4007
R37 47R 7W
R38 200k
R39 200k
Q4 IRF740
HS1 Heatsink
R18 1k6
R21 1k6
MPSA94 Q1
LM358 U4A
R20 10k
R19 20k
D10 BZW06-6.8
C12 100n
D13 C15V/1.3W
R34 10R
Q5 BD139
CE5 10u/400V
R35 100k/3W
MPSA44 Q6
U6B LM358
R36 10k
C13 100n
R42 10k
R40 10k
R41 20k
C14 100n
R44 10k
R43 10k
C16 1u
R45 200k
U2 ATmega16A-P
R4 10k
C5 22p
Y1 16MHz
C6 22p
LCD J6
CONT
R5 1k6
R6 1k6
R7 1k6
J5 ISP
C7 100n
C8 100n
C9 100n
C10 100n
C11 100n
Conn_01x04 J7
D11 1N5819
Q2 BC547
R29 10k
R28 200k
D12 1N5819
Q3 BC547
R30 10k
R31 200k
U5 LM35-LP
U3A IX4426
R8 200k
R9 200k
U3B
D18 BZW06-10
R46 1k6
R50 1k6
MPSA94 Q7
LM358 U4B
R47 10k
D17 BZW06-6.8
C17 100n
R48 20k
Q8 IRF740
D19 C15V/1.3W
D20 BZW06-10
D21 BZW06-10
D22 1N4007
R52 10R
R53 47R 7W
R54 200k
R55 200k
R51 10R
Q9 BD139
CE6 1u/400V
R56 100k/3W
MPSA44 Q10
U6A LM358
R57 10k
C19 100n
R58 10k
R59 10k
R60 20k
C18 100n
R61 10k
R62 10k
C20 1u
R63 200k
R49 10R
C21 1u
C23 1u
D23 1N5819
D24 1N5819
D25 1N5819
D26 1N5819
C22 1u
C24 1u
D27 1N5819
CE7 220u/35V
C25 1u
R64 1k6
R66 10k
R65 10k
C26 100n
J8 SOCKET
Q11 IRF9540N
L3 1mH/2.8A
D28 1N5822
CE8 1000u/25V ESR
CE9 1000u/25V ESR
R67 30k
R68 10k
R69 10k
C27 100n
R70 10k
C28 100n
R71 1R
R72 1R
R73 1R
R74 1R
R75 1R
R76 1R
R77 1R
R78 1R
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Size: A2
Date: 2023-06-08
Rev: 1.0
KiCad E.D.A. kicad 7.0.5-0
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