



NOTES:

ALL CAPACITOR VALUES IN MICROFARADS

C12 AND D3 ARE MODIFICATIONS OF THE ORIGINAL KSGER DESIGN ADDED BY MINDSTORM88

THE FOLLOWING REFERENCES ARE DIFFERENT ON THIS DESIGN FROM MINDSTORM88'S DESIGN. MINDSTORM88'S REFERENCE IS ON THE LEFT:

R12A - R12
R12B - R16
R12C - R17
R1B - R15
RX - R18

R10 - THERE ARE 3 RESISTORS MARKED AS R10 ON THE ORIGINAL BOARD. TO STOP KICAD FROM THROWING AN ANNOTATION ERROR, I HAVE RENAMED TWO OF THEM TO R19 AND R20.

Replicated by Omega9380
Original Design by MINDSTORM88 on the EEVBlog Forums

Sheet: /
File: KSGER Controller REV 2.0.kicad_sch

Title: KSGER T12 Soldering Iron Heating Controller

Size: A3
KiCad E.D.A. kicad (6.0.0)

Date: 2022-05-06

Rev: 2

Id: 1/1