



NOTES:

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.kicad\_sch  
**Title: KSGER T12 Soldering Iron Heating Controller**

Size: A3 Date: 2022-05-04 Rev: 1  
KiCad E.D.A. kicad (6.0.4) Id: 1/1