

Kean Electronics

IT Consulting and embedded systems design



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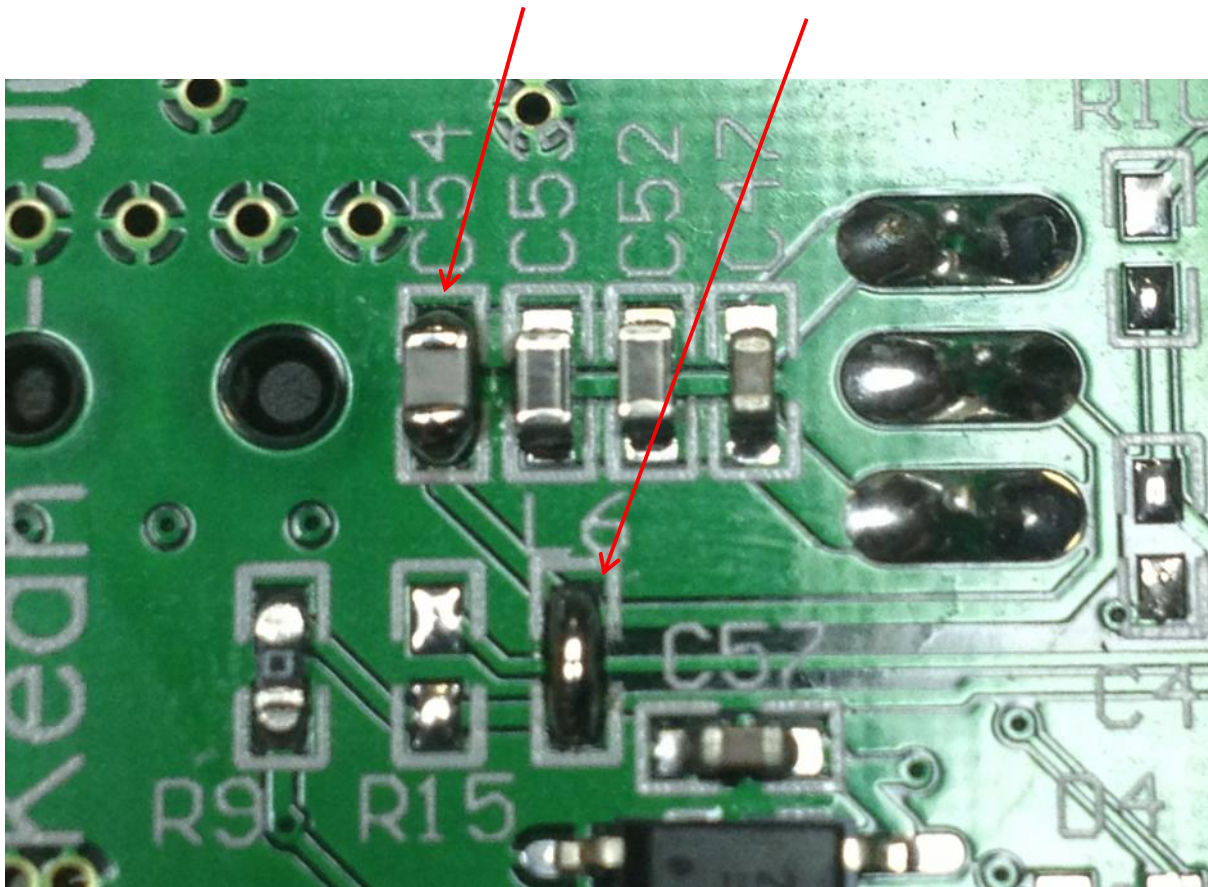
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MooresCloud Holiday Engineering Change Order ECO 001 for Holiday r2 PCB

18th October 2013

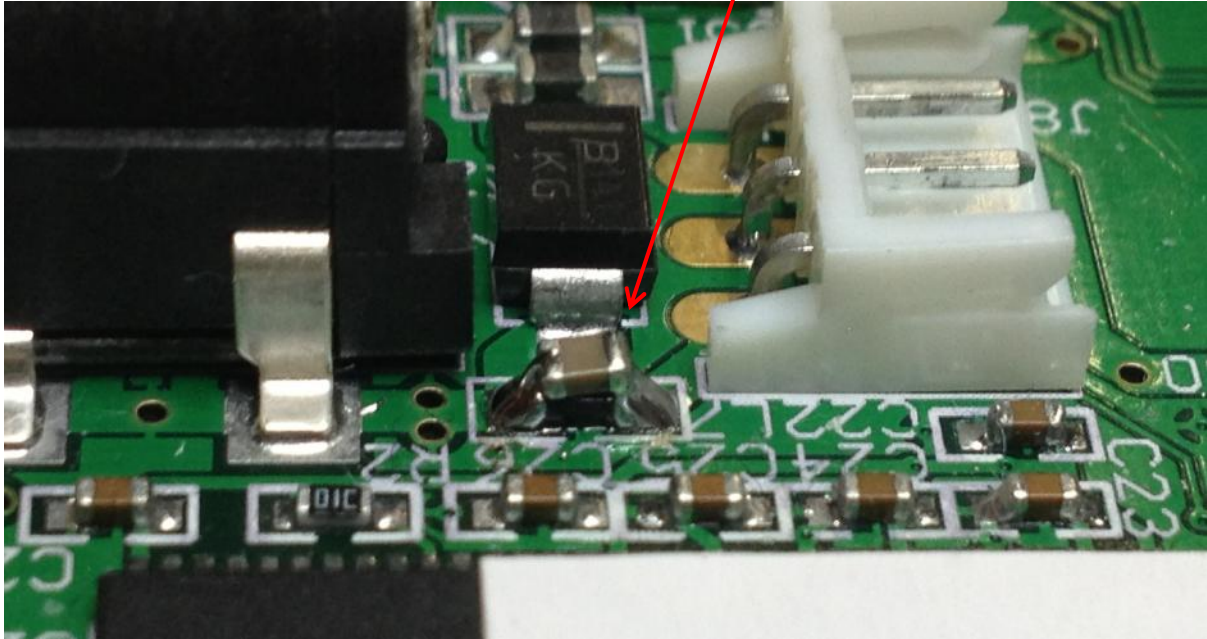
To meet EMC radiated emissions requirements, the following three changes should be made to each Holiday Controller revision 2 PCBA

- 1) Populate C54 with 680pF 50V NP0 ceramic capacitor (0603 size, although 0805 fits as shown in photo below)
- 2) Remove L6 and short the pads with solder (or a 0R resistor, 0603 size)



PTO for third change

- 3) Add "C58" – a 1uF 50V X7R ceramic capacitor (0805 size) across L7



Parts required:

C54 = Yageo CC0603JRNPO9BN681 – DigiKey part: 311-1425-1-ND

C58 = Taiyo Yuden UMK212B7105KG-T – DigiKey part: 587-2910-1-ND

Substitutions can be made with equivalent parts, but only on confirmation with MooresCloud technical staff.