

Altair Minidisk Controller, Board #2, Rev 0 Modifications

(required to fix board layout errors)

Schematic	Board Artwork	Repaired Board
F1-1, A1-9, B1-9, E4-10	F1-1, A1-9	F1-1, A1-9, B1-9, E4-10
F1-4, E1-10	F1-4, B1-9, E4-10	F1-4, B1-9, E4-10, E1-10
B1-12, E4-11	E1-10, B1-12, E4-11	E1-10 , B1-12, E4-11
F4-5, E4-8	F4-5, Disk Enable (all over)	F4-5, Disk Enable (all over), E4-8

Red indicates deleted connection

Green indicates added connection

Repair Steps (also see pictures, "Board 2 Top Mods.jpg" and "Board 2 Bottom Mods.jpg")

- 1) Cut trace from F1-4 (top side) between the top two feed-thrus under C6. Removes F1-4 connection to B1-9, E4-10.
- 2) Connect 1st feed-thru from F1-4 to E1-10 (back side).
- 3) Connect F1-1 and F1-4 feed-thrus (back side) just below C6 body. The F1-4 feed-thru no longer connects to F1-4, so this connects F1-1 to B1-9, E4-10.
- 4) Cut 3rd trace on right exiting bottom of E1 (top side). Removes E1-10 connection from B1-12, E4-11.
- 5) Cut F4-5 to feed-thru (back side). Removes F4-5 from Disk Enable chain.
- 6) Connect F4-5 to E4-8 (back side). A feed-thru below E4-8 can be used for connection.