

Analyses Performed to Determine Cause

Due to a connection error on schematic R256 (2.00K) was connected to L18.
R256 (2.00K) is connected to U2 pin 3. The error on schematic connects pin 12 of U2 to Pin 3 of U2.

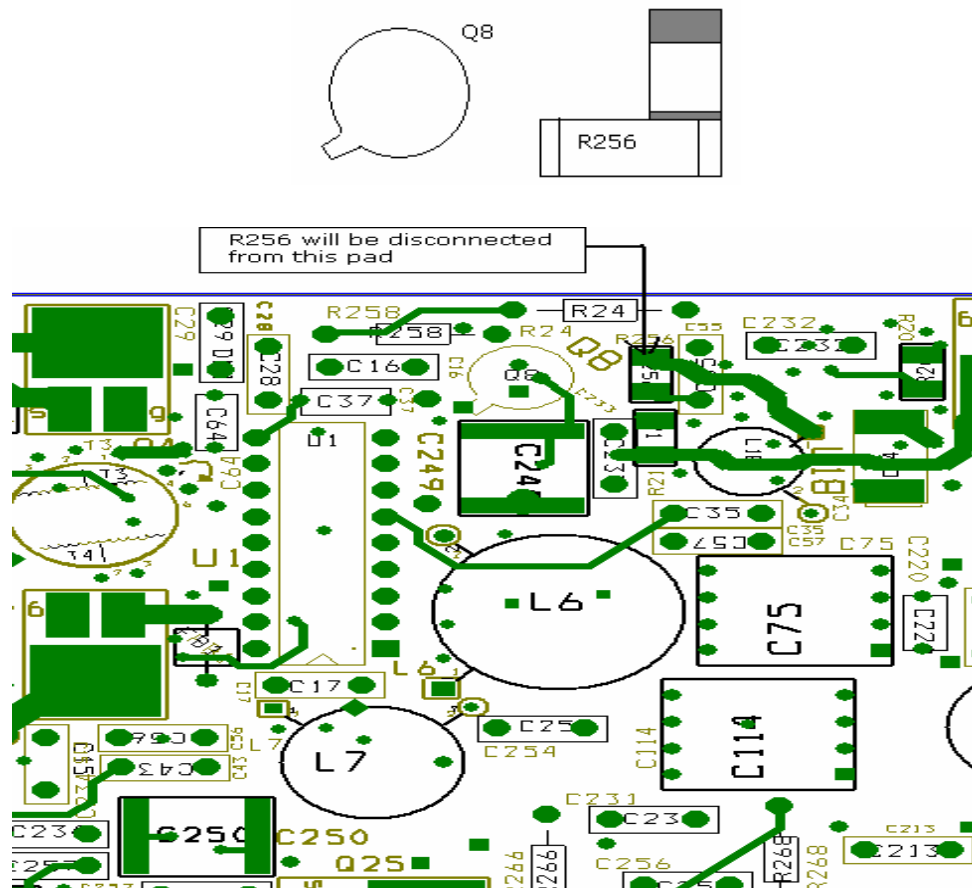
Corrective Action/ Resolution

- 1) Lift Pin 12 of U2.

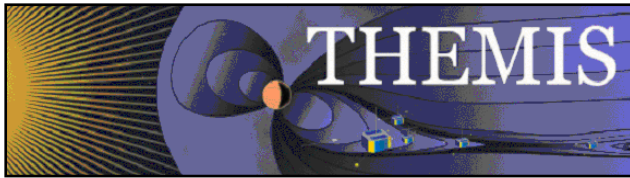
Completed by: _____ Date: _____

- 2) Install R256 2.00K D55342H07B2E00R sideways (on the top side of the board); leave the pad not connected where it connects to L18 (See figure below).

R256 D/C: _____

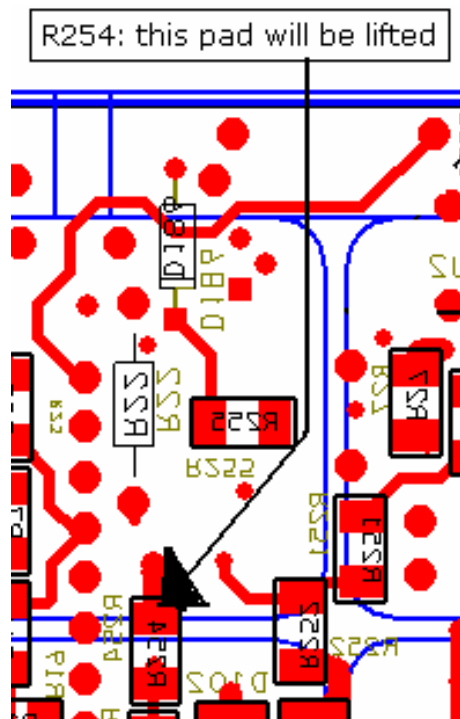
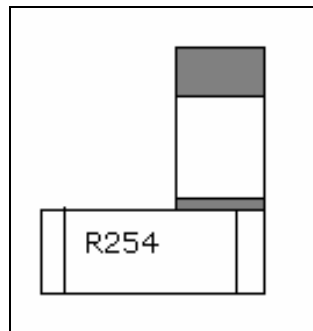


Completed by: _____ Date: _____



- 3) Install R254 (1.00M) sideways (bottom side of the board) where it connects to the via.
(See figure below) R254 P/N: D55342H07B1F00R

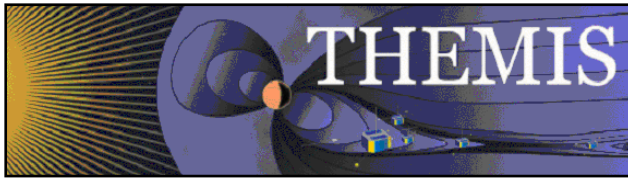
R254 D/C: _____



Completed by: _____ Date: _____

- 4) Solder a magnet wire AWG 28 to U2 pin 12.

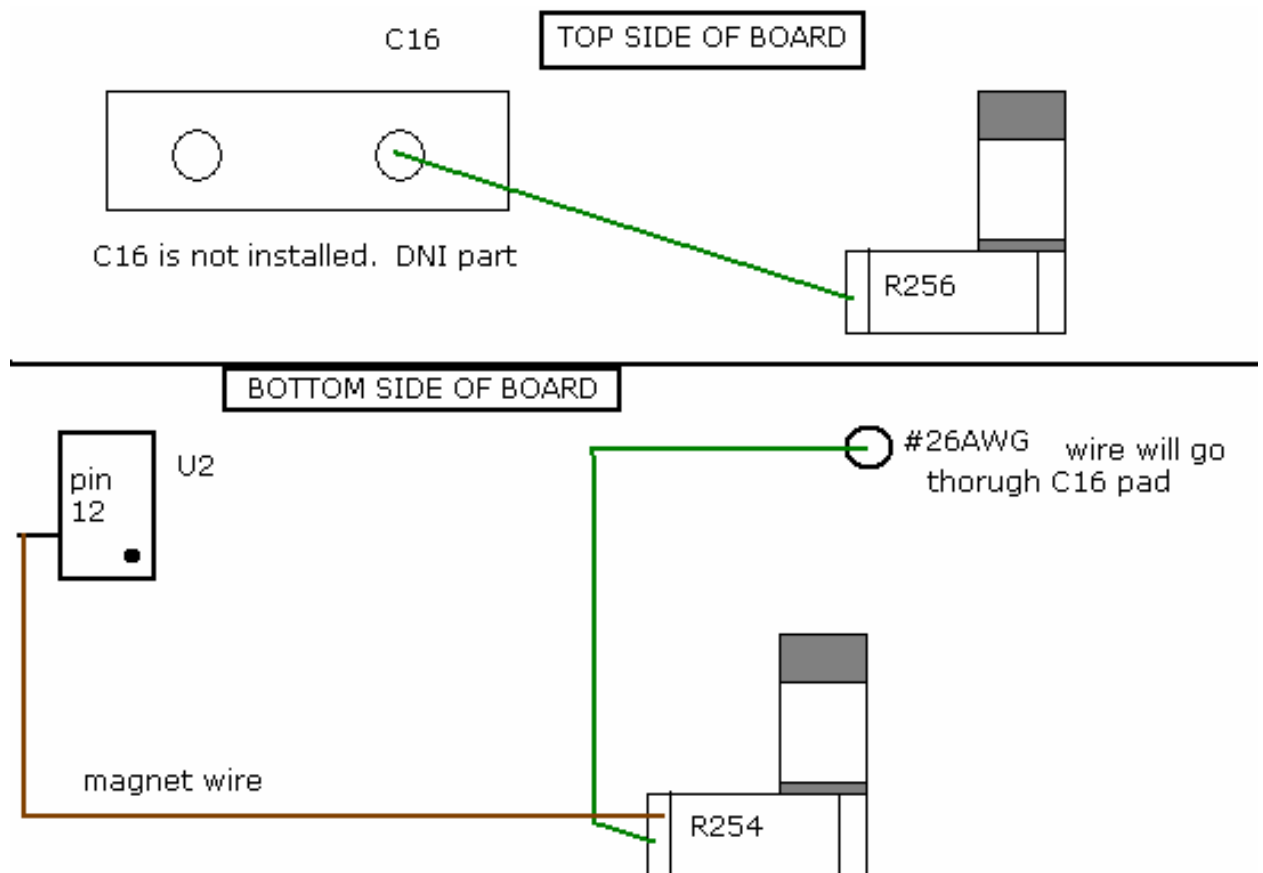
Completed by: _____ Date: _____



- 5) Connect U2 pin 12 to R254 (the left side of the resistor) using a magnet wire.

Completed by: _____ Date: _____

- 6) Connect R254 and R256 (the sides that are not connected to a pad) with a teflon wire. The wire will go through C16 pad. C16 is a Do NOT Install part. Use shrink tube on the wire where it crosses the hole. (See Figure below)



- 7) Stake the wires using Uralane 5753.

Expiration date: _____

Mix ratio: _____

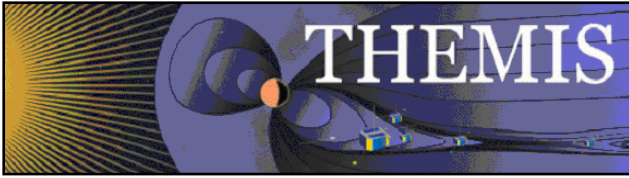
Lot Number: _____

Start Time: _____

Stop Time: _____

Completed by: _____

Date: _____



8) Take pictures of the completed rework/repair.

Completed by: _____ **Date:** _____

Retest Results: _____

Corrective Action Required/Performed on other Units

Assembly Number(s): _____

Corrective Action Details: Engineering Change Order (ECO) 0002 is generated to correct EFI 2.5VD connection error. ECO 0002 is added to the Assembly Instructions. ECO 0002 will be performed before the testing occurs.

Acceptance:

MAM: Ron Jackson _____; MSE: Ellen Taylor _____

PM: Peter Harvey _____; Cognizant Engineer _____

Date of Closure _____