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Product(s) Affected: TT030  
Model: All  
Type of ATB: As Needed  
ECO #: 1451

**Reason for ATB:**

To correct boot up problems on C302406-001 REV A FAB boards after ATB TT30-0002 or ECO 1425 was applied.

**Notes:**

After installing the fix described in ATB TT30-0002 or ECO 1425 several TT030 systems using the C302406-001 REV A FAB main board exhibited problems booting when a TT RAM board is installed. The following procedure will correct those problems.

**Symptoms of Problem:**

During boot-up the system will fail with X's when TT RAM test is performed or bomb on Boot-up if TT RAM is installed, and the TT RAM board is set for burst mode. (Jumper W105 installed between pins 2 and 3 on the TT RAM board).

**Solution:**

1. Remove the top cover.
2. Remove the VME Card Guide.

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3. If ECO 1425 or ATB TT30-0002 is not installed, skip to step 4. If the first oscillator modification is installed, ECO 1425 or ATB TT30-0002, remove the wire from the left side of R888 and R997. See Figure 1.
4. Lift pins 3 and 17 of U210 so the pins are clear of the pads on the main PCB. See Figure 2.
5. Connect a wire from the right side of R997 to U210 pin 17. See Figure 2.
6. Connect a wire from U210 pin 3 to the left side of R888. See Figure 2.
7. Insulate the connection at R888 with Heatshrink Tubing to guard against any possible shorts. See Figure 2.
8. Re-assemble the unit.

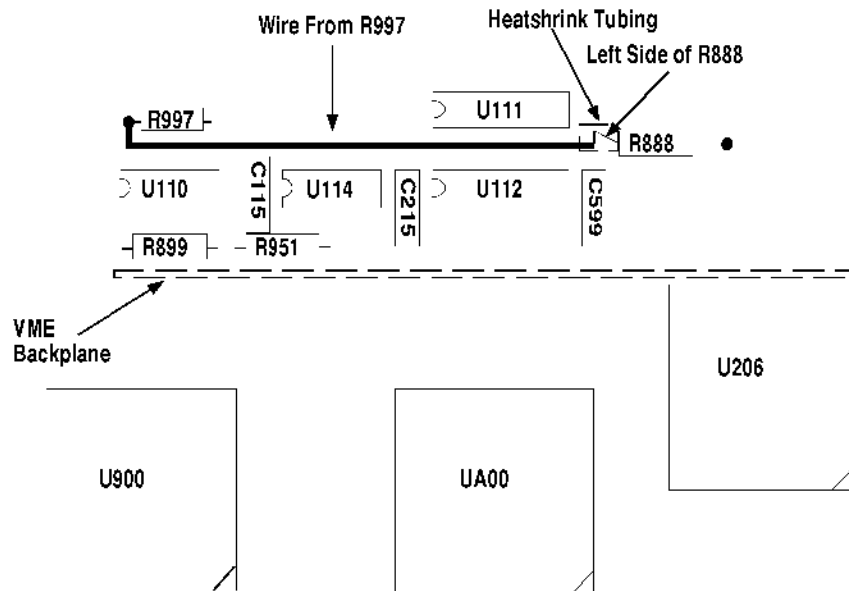


Figure 1

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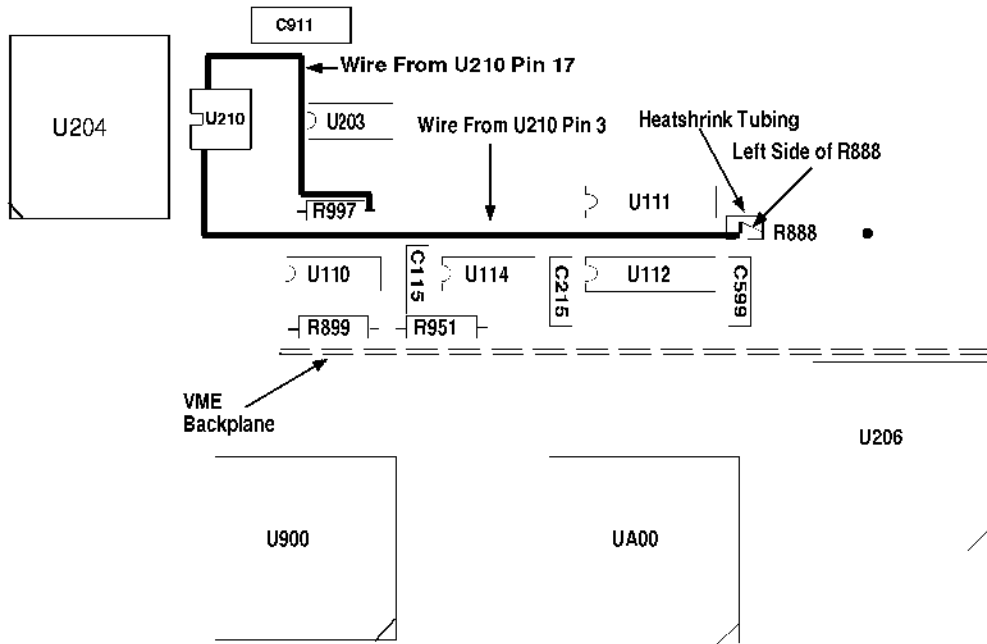


Figure 2