

Requesting Engineer: David Stone

Date: 4-15-04

Approved by: Peter Berg

Date: 4-15-04

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

### STEREO IMPACT SWEA LVPS REWORK INSTRUCTIONS

**1. Wiring rework is required for U1.**

Several connections for U1 pins 9-16 need to be corrected; the following wiring modifications are needed to make the corrections.

- 1) Cut the trace between pins 6 and 13 under the IC, as shown in Figure 1 below. Cover the cut with #1838 B/A Green epoxy.

COMPLETED BY \_\_\_\_\_ DATE \_\_\_\_\_

- 2) Cut the trace between pin 12 and the ground via, as shown in Figure 1. Cover the cut with #1838 B/A Green epoxy.

COMPLETED BY \_\_\_\_\_ DATE \_\_\_\_\_

- 3) Cut the trace between pin 15 and C12, as shown in Figure 1. Cover the cut with #1838 B/A Green epoxy.

COMPLETED BY \_\_\_\_\_ DATE \_\_\_\_\_

- 4) Clip off pin 9 to make that pin a No-Connect.

COMPLETED BY \_\_\_\_\_ DATE \_\_\_\_\_

Requesting Engineer:

David Stone

Date:

4-15-04

Approved by:

Ruth Berg

Date:

4-15-04

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

- 5) Solder pins 11, 12, 13, 14, 15 and 16 to their pads normally.

COMPLETED BY \_\_\_\_\_ DATE \_\_\_\_\_

- 6) Remove C12. Connect a wire from U1 pin 10 to the lead on a new C12 as shown in Figure 2 below. Install the new C12 with the jumper wire attached. Install Kapton tape to insulate U1 pin 10 from its pad.

COMPLETED BY \_\_\_\_\_ DATE \_\_\_\_\_

- 7) Solder a wire to pin 12, run it over the top of the IC, and solder it to pin 6.

COMPLETED BY \_\_\_\_\_ DATE \_\_\_\_\_

- 8) Solder a wire to pin 13, run it over the top of the IC, and solder it to pin 3.

COMPLETED BY \_\_\_\_\_ DATE \_\_\_\_\_

- 9) Solder pins 14, 15 and 16 together, using a jumper wire if necessary, as shown in Figure 1.

COMPLETED BY \_\_\_\_\_ DATE \_\_\_\_\_

Requesting Engineer:

*David Stone*

Date:

*4-15-04*

Approved by:

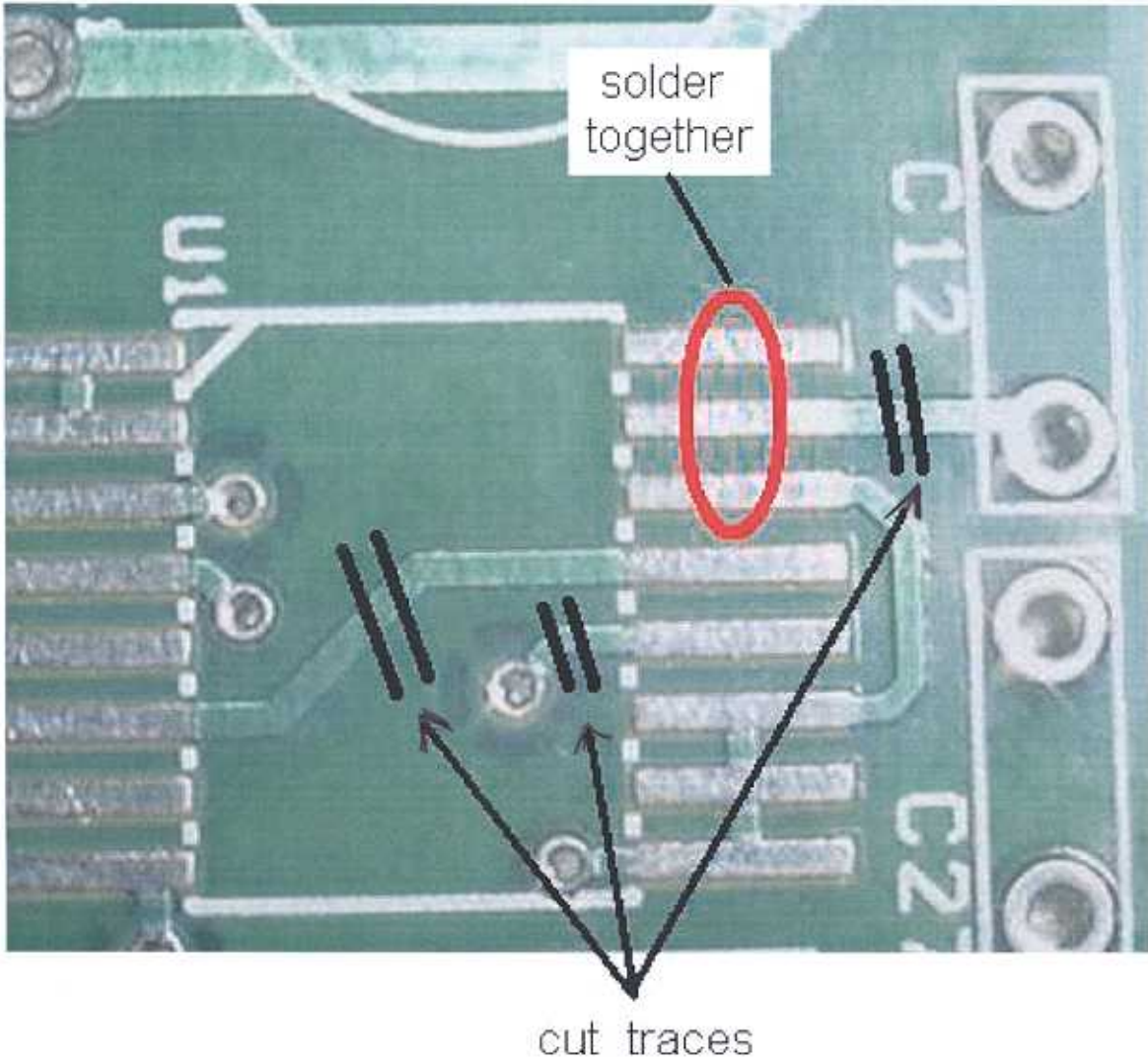
*Peter Bung*

Date:

*4-15-04*

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_



**Figure 1**

Requesting Engineer:

*David Stone*

Date:

*4-15-04*

Approved by:

*Peter Bung*

Date:

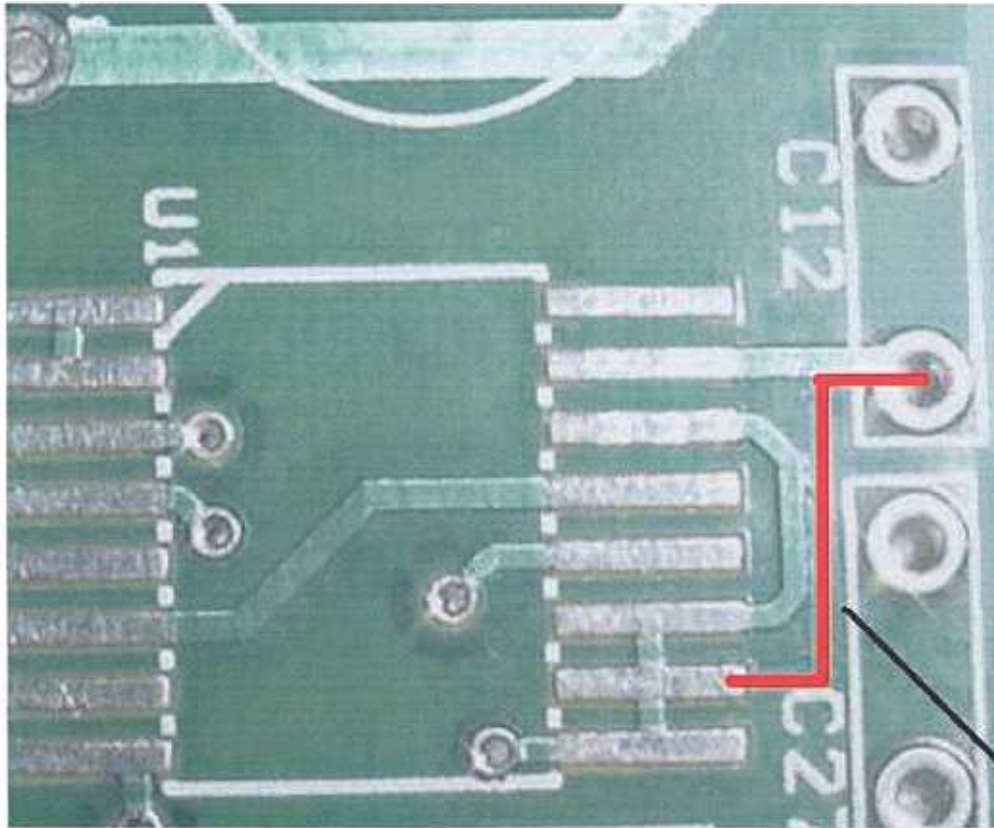
*4-15-04*

Approved by:

*David Cooke*

Date:

*4-15-04*



Jumper wire from U1-10 to C12 lead

**Figure 2**

Approved by:

*Ron Jackson*

Date:

*4/15/04*