

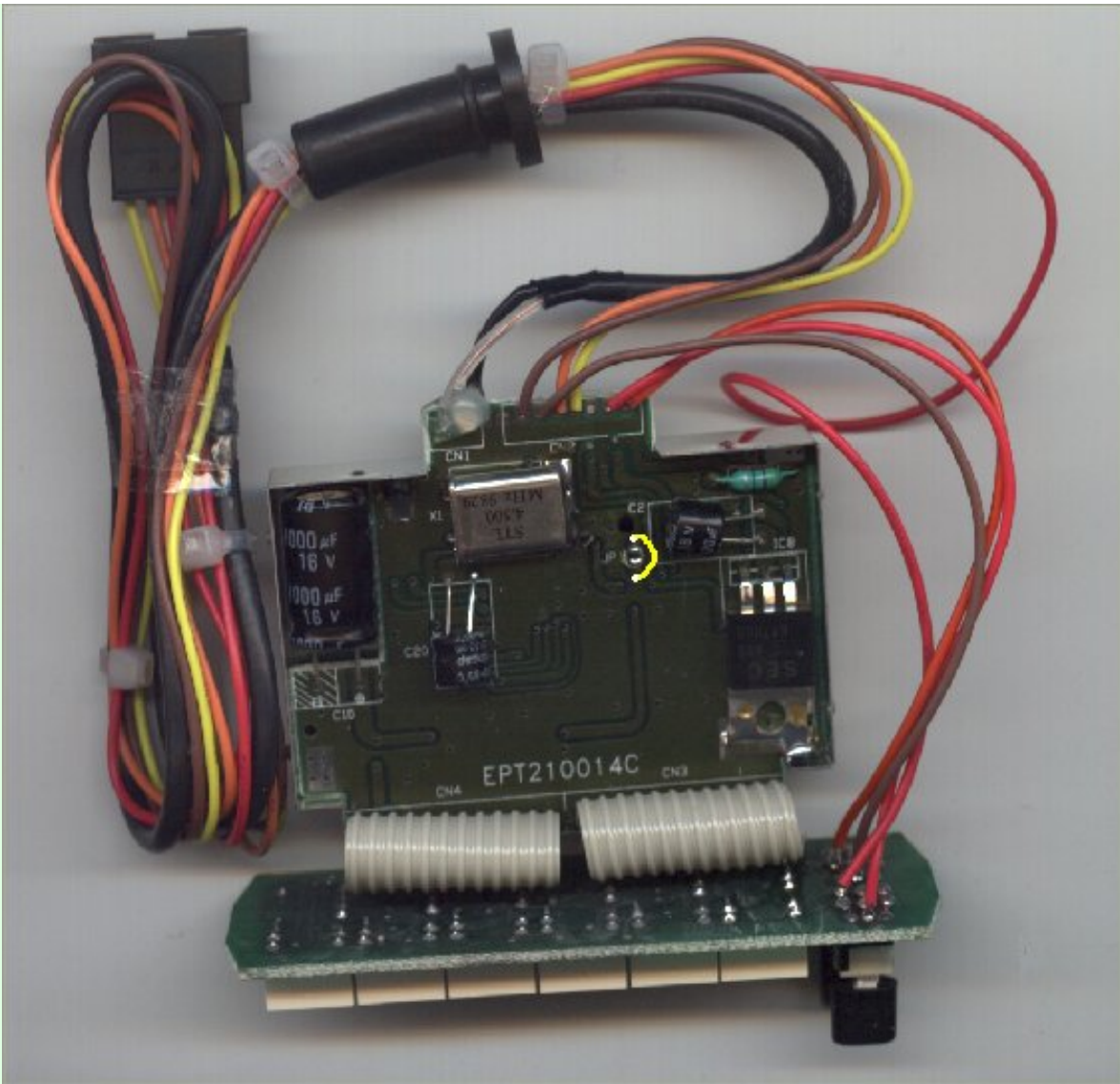
Modifications #4

- 1. I do not accept responsibility for any losses that may occur from the use of any of the information contained on this site.**
- 2. Any modifications that you do - are done at your own risk !**
- 3. The modifications page is for educational purposes only, many of the examples are illegal in most countries!**

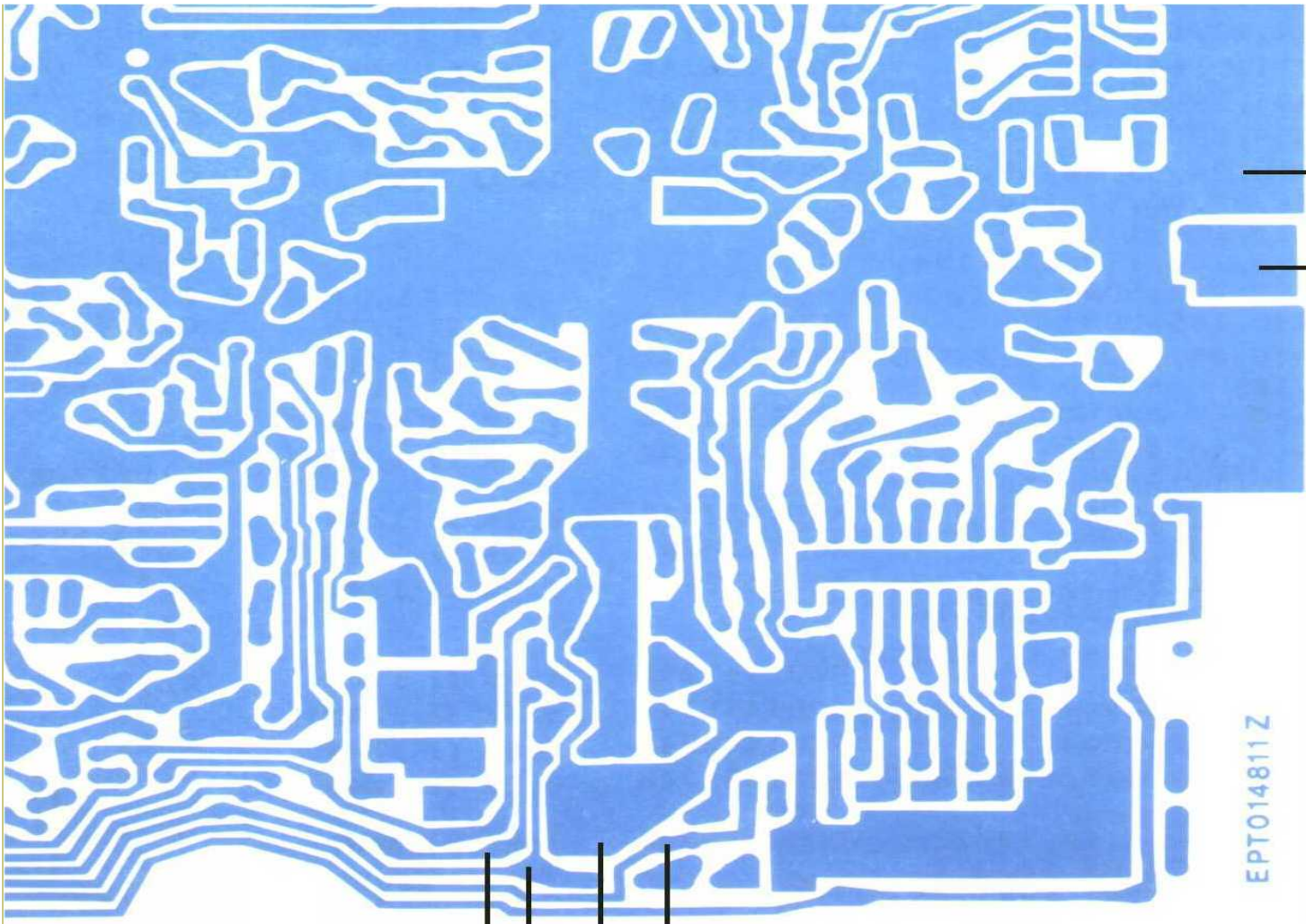
FC-390 Frequency Counter

Using the FC-390 frequency counter on the TR-296 series requires one modification.

- 1. Remove the four (4) screws holding the top and bottom case together.**
- 2. Separate top and bottom plastic covers, exposing internal metal case.**
- 3. Carefully remove the top metal cover from case. This will expose the component side of the pc board.**
- 4. Find JP1 - located to the right and below the crystal.**
- 5. Carefully solder a buss jumper between the top and bottom holes, as shown in yellow in the below photo.**
- 6. Re-assemble counter, and follow installation instructions supplied with unit.**



Installation Wiring Diagram for TR-296 Series



EPT014811 Z

- Pin 4 - Red - VCC 8Vdc - To Collector of TR 28
- Pin 3 - Brown - GND - To GND
- Pin 5 - Orange - USB+ - To Junction of R239 & C229
- Pin 6 - Yellow - LSB+ - To Junction of L24 & R237
- Pin 2 - Clear/White - VCO Output - To R242
- Pin 1 - Black/Shield - GND - To GND

FC-390 Wiring Connections
TR-296GK/DX MAIN PCB.
COPPER SIDE