nOHaU

Application Note
Bankswitch TR4 and TR16
Hardware Modification

This modification only applies to version of Seehau built on or after April 26, 2002. Nohau has changed the break feature to use Condition B instead of Condition A in the trace setup for bank switched applications. This allows the user to use Condition A or a Trigger and Break on Trigger condition.

The modification fixes an unimplemented feature of the TR4 and TR16 trace boards that we are now adding into the software for this operation.

Problem: Timing of signal was too short in duration to the clocking operation.
Solution: Use the BCOND signal that feeds the GOTB latch circuit to match the clocking signal.

Details of hardware modification: See photo 1
1)   On the solder side of the PCB cut the trace leading to pin 14 of U55, leaving the trace between pins 14 and 13 intact.
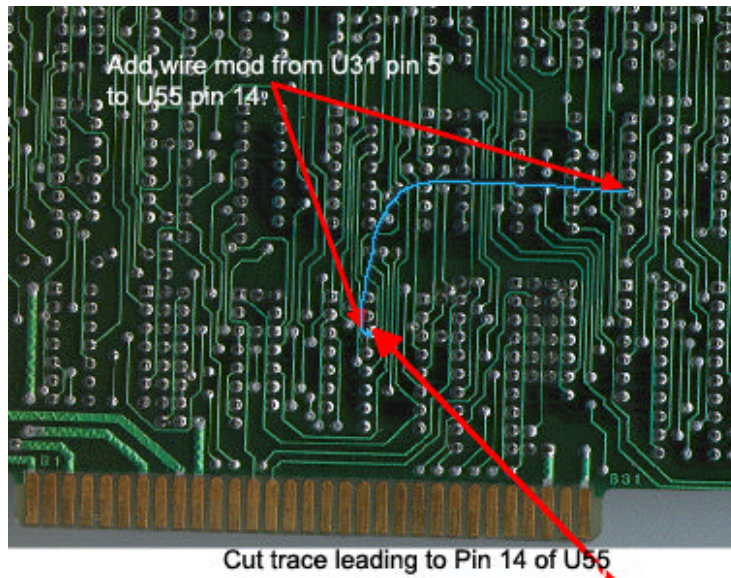2)   Add a wire from U31 pin 5 to U55 pin 14.

Add wire mod from U31 pin 5 to U55 pin 14

Cut trace leading to Pin 14 of U55

Photo 1

NOTE:

If B Condition is to be used you can use it as normal as long as you DO NOT set a breakpoint while using banked code.