

Date: 04/27/98

Re: Elan SC400 Evaluation Boards (Rev. 3.0) - Board Issues/Errata

□ #1 **PIRQ5 AND MATRIX KEYBOARD COLUMN 4 NOT FUNCTIONING**

Schematic There are no schematic fixes or changes since the schematics were correct and there was an error made in CAD. Therefore **note** that there will **not** be a revision 3.0a of the schematics.

Problem The schematic show that *kbdc0l4* signal is connected to JP22, P37, P32 and U14 (the Elan SC400). Unfortunately CAD did not connect it to P32 or to the Elan SC400. This means one of two things, first, that the board only has one ISA bus IRQ (PIRQ4) instead of two ISA bus IRQ's as originally intended. Second, Column 4 of the Matrix keyboard will not function.

Rework Solution

Since the CAD designers had the BGA pin for PIRQ5/KBDCOL4 as a no connect, they did not create a via for the pin. This makes it virtually impossible to do any type of temporary fix on the board therefore, this problem had to be corrected in CAD.

The issue is has been resolved in CAD and a new revision 3.0a, has been released with this fix.