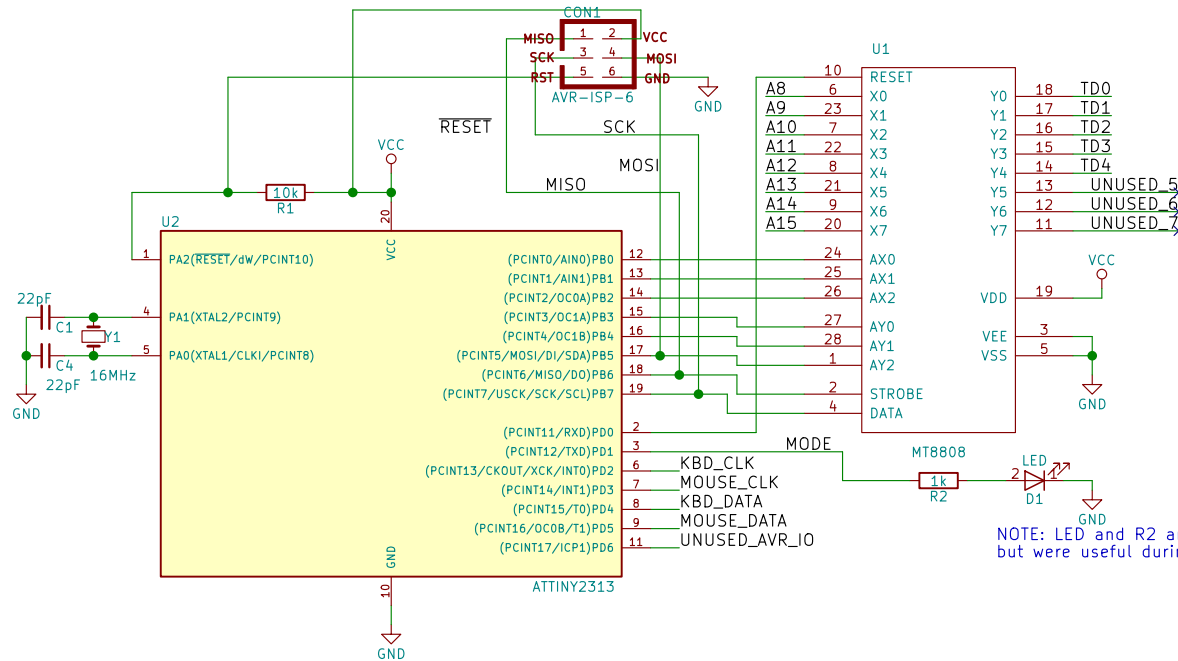
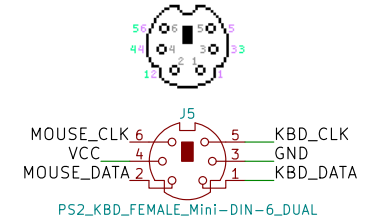


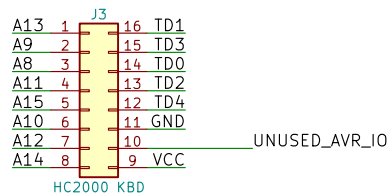
MH1  
MountingHole



NOTE: LED and R2 are not essential but were useful during development.

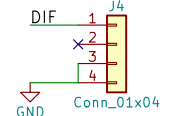
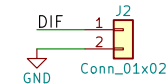
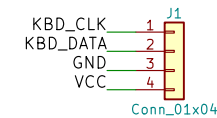
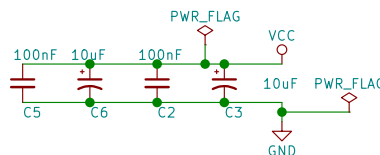


NOTE: ATtiny4313 is an ATtiny2313 with double the program memory and SRAM sizes. This firmware is not fully optimized and currently uses 99.9% of the program space of an ATtiny2313. Therefore, ATtiny4313 is recommended.



NOTE: unused IO could be used for a soft RESET (Ctrl+Alt+Del) signal.

NOTE Jul 14: on HC2000 D5 and D7 are unused FEh input port bits



NOTE: J1 is for connecting a PS/2 keyboard internally should one decide to include one into the HC2000 case; the length of the case is almost exactly that of a PC keyboard

NOTE: J2 header is for connecting the speaker through the adapter; a 4 pin header J4 plugs into the original speaker wire location

May-Oct 2024

Stefan V. Pantazi

Sheet: /

File: HC2000\_PS2\_keyboard\_interface.sch

Title: PS2 interface for HC2000 (with MT8808 and ATtiny2313)

Size: A4

Date:

Rev: 1

KiCad E.D.A. kicad 4.0.6

Id: 1/1