



Notes:
 C3 is not required except under unusual circumstances. Headers H1-H8 and all components labeled optional are not required for basic operation and can be installed if desired. PICkit ICSP header H9 is only needed for programming if the bootloader is not used.

- MH1 MountingHole
- MH2 MountingHole
- MH3 MountingHole
- MH4 MountingHole

USB-Based Beginner
 Multifunction Project
 UBMP4 is Open Hardware
 Schematic: CC-BY 4.0

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