



Notes:
 C4 is not required except in unusual circumstances.
 Headers H1-H8 and all optional components are not
 required for basic operation. PICkit ICSP header H9 is
 needed for programming if the bootloader is not used.

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

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

mirabo.tech UBMP4		
File: UBMP420.kicad_sch	Rev: 2	
Size: B	Date: 2022-03-02	Page: 1/1
KiCad E.D.A.	kicad (6.0.2-0)	Sheet: /