



IMPORTANT: recommended VCC voltage: 3.3V, max. VCC voltage: 5.5V

- no voltage regulator
- no LED
- optional boost converter
- 8MHz resonator

derived from Sparkfun Electronic's Arduino-Pro-Mini (Rev 14)
largely pinout compatible with Pro Mini XL 1284P V2 of <https://prominimicros.com/>

PCB size: 17.78 mm x 33.02 mm (0.7" x 1.3")

Flash Program Memory: 128kByte
Internal SRAM: 16 kByte
EEPROM: 4 kByte

ATmega1284P Arduino library: <https://github.com/MCUdude/MightyCore>

ATmega1284P-AU VQFN 44 based clone of Arduino Pro Mini
adapted for AskSinPP projects
This work is licensed under CC BY-NC-SA 4.0
<https://creativecommons.org/licenses/by-nc-sa/4.0/>
(C) FUEL4EP 2025



Sheet: /

File: HB_Pro_Mini-ATMEGA1284P_FUEL4EP.kicad_sch

Title: HB_Pro_Mini-ATMEGA1284P_FUEL4EP

Size: A4 Date: 2025-01-26

Rev: 1.0

KiCad E.D.A. 8.0.8

Id: 1/1