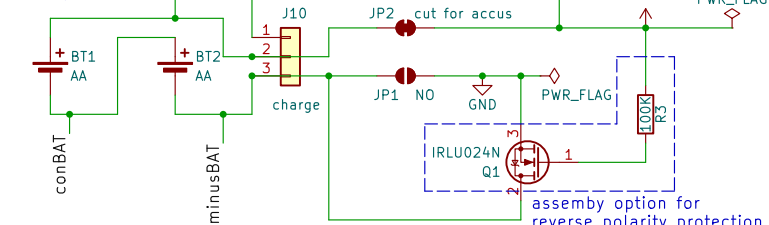
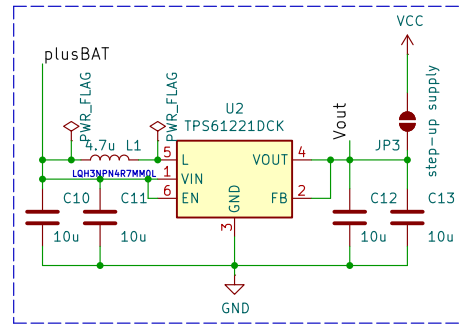


2x Keystone 2460 battery holders

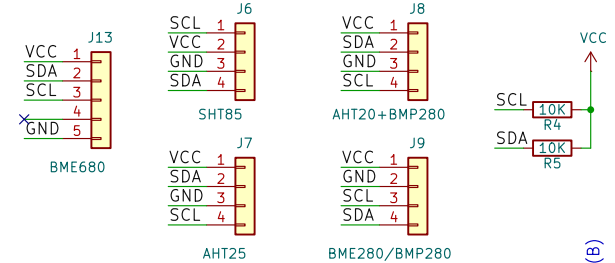


assembly option for reverse polarity protection solder JP1 if omitted

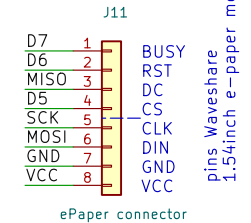
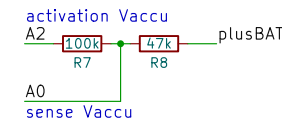


assembly option step-up converter cut JP2 if assembled

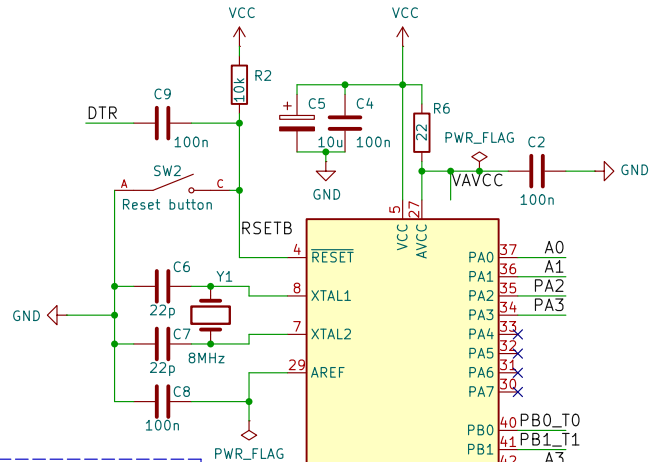
I2C connectors for several footprints



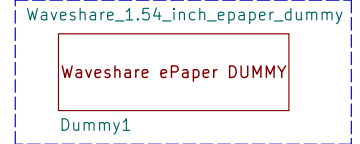
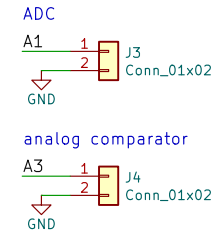
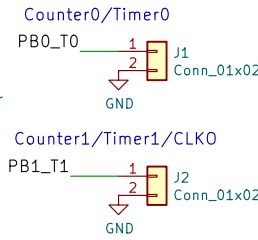
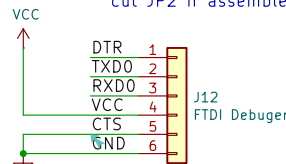
battery voltage measurement max. measurement voltage is 3.76V for R8 = 47kOhm



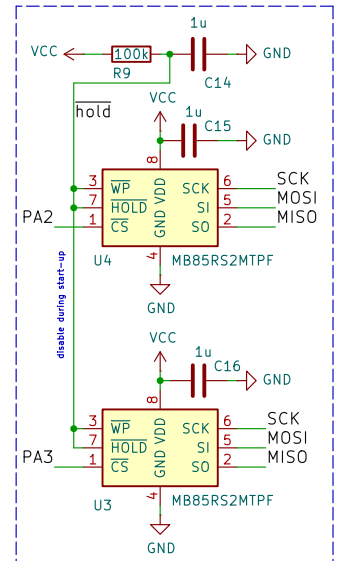
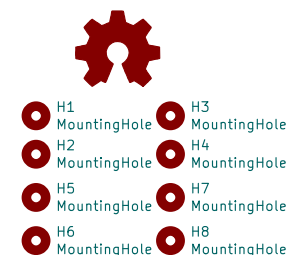
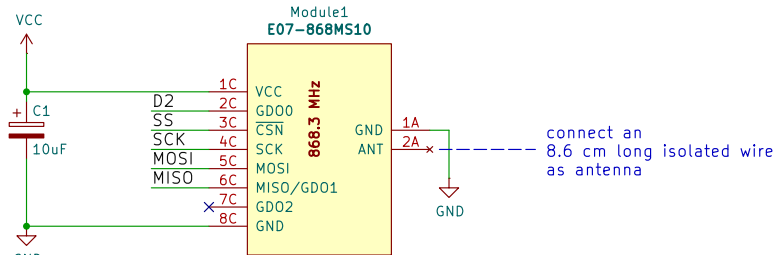
pins Waveshare 1.54inch e-paper module (B)



ATmega1284P-AU



assembly option Waveshare e-paper only for 3D view remove for PCB gerber data creation !



assembly option 2 M (256 K x 8) Bit SPI Fujitsu FRAM MB85RS2MT

fork of Alexander Reinert's HB-UNI-SEN-BATT: major changes:
ATmega1284P (TQFP) and eByte E07-868MS10 transceiver module and 2x2Mbit FRAM connector for Waveshare e-paper module (B) 1.54inch (J11)
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FUEL4EP
Sheet: /
File: HB-UNI-SEN-BATT_ATmega1284P_E07-868MS10_FRAM_FUEL4EP.kicad_sch
Title: HB-UNI-SEN-BATT_ATmega1284P_E07-868MS10_FRAM_FUEL4EP
Size: A4 Date: 2024-09-26 Rev: 1.6
KiCad E.D.A. 8.0.5 Id: 1/1