



TODO:

- Add multiplexer for more Digital pin (is it needed?)
- Solar charge regulator
  - add battery voltage system, either find a digital chip, or build a voltage divider connected to analog pin.
  - Check if using CE to prevent over-charging could save battery?
- 5V Stepup:
  - Can 5V\_IO (on-off) state be maintained via a digital pin used when microprocessor asleep?
  - Can GPS and MBX share same RX pin?
  - findout which SWD programmer to use. Could a Pi work?

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