

GPIO Project Requirements

- Each pin can be set as input/output
- Each pin can be set high or low
- Each pin can be read
- Each port can be read in one word
- Has init function to config defaults by pin
- Each pin can be configured for gpio
- Each pin can have its active polarity reversed
- We will support 32-bits on port C.
- We will ignore other features for now (pulldown, pullup, interrupts, lock, etc)