

```
#####
# EEPROM settings text file
#
# Edit this file for your particular board and run through eepmake tool,
# then use eepflash tool to write to attached HAT ID EEPROM
#
# Tools available:
# eepmake   Parses EEPROM text file and creates binary .eep file
# eepdump   Dumps a binary .eep file as human readable text (for debug)
# eepflash  Write or read .eep binary image to/from HAT EEPROM
#
#####

#####
# Vendor info

# 128 bit UUID. If left at zero eepmake tool will auto-generate
# RFC 4122 compliant UUID
product_uuid 00000000-0000-0000-0000-000000000000

# 16 bit product id
product_id 0x0001

# 16 bit product version
product_ver 0x0100

# ASCII vendor string (max 255 characters)
vendor "Dubravko Penezic, dpenezic@gmail.com, http://pcb.daince.net/"

# ASCII product string (max 255 characters)
product "Modular RGB LED NEOPIXEL HAT"

#####
# GPIO bank settings, set to nonzero to change from the default.
# NOTE these setting can only be set per BANK, uncommenting any of
# these will force the bank to use the custom setting.

# drive strength, 0=default, 1-8=2,4,6,8,10,12,14,16mA, 9-15=reserved
gpio_drive 0

# 0=default, 1=slew rate limiting, 2=no slew limiting, 3=reserved
gpio_slew 0

# 0=default, 1=hysteresis disabled, 2=hysteresis enabled, 3=reserved
gpio_hysteresis 0

# If board back-powers Pi via 5V GPIO header pins:
# 0 = board does not back-power
# 1 = board back-powers and can supply the Pi with a minimum of 1.3A
# 2 = board back-powers and can supply the Pi with a minimum of 2A
# 3 = reserved
# If back_power=2 then USB high current mode will be automatically
# enabled on the Pi
back_power 2

#####
# GPIO pins, uncomment for GPIOs used on board
# Options for FUNCTION: INPUT, OUTPUT, ALT0-ALT5
# Options for PULL: DEFAULT, UP, DOWN, NONE
# NB GPIO0 and GPIO1 are reserved for ID EEPROM so cannot be set
```

| #        | GPIO | FUNCTION | PULL    |
|----------|------|----------|---------|
| #        | ---- | -----    | ----    |
| #setgpio | 2    | INPUT    | DEFAULT |
| #setgpio | 3    | INPUT    | DEFAULT |
| #setgpio | 4    | INPUT    | DEFAULT |
| #setgpio | 5    | INPUT    | DEFAULT |
| #setgpio | 6    | INPUT    | DEFAULT |
| #setgpio | 7    | INPUT    | DEFAULT |
| #setgpio | 8    | INPUT    | DEFAULT |
| #setgpio | 9    | INPUT    | DEFAULT |
| setgpio  | 10   | INPUT    | DEFAULT |
| #setgpio | 11   | INPUT    | DEFAULT |
| setgpio  | 12   | INPUT    | DEFAULT |
| setgpio  | 13   | INPUT    | DEFAULT |
| #setgpio | 14   | INPUT    | DEFAULT |
| #setgpio | 15   | INPUT    | DEFAULT |
| #setgpio | 16   | INPUT    | DEFAULT |
| #setgpio | 17   | INPUT    | DEFAULT |
| setgpio  | 18   | INPUT    | DEFAULT |
| #setgpio | 19   | INPUT    | DEFAULT |
| #setgpio | 20   | INPUT    | DEFAULT |
| setgpio  | 21   | INPUT    | DEFAULT |
| setgpio  | 22   | INPUT    | UP      |
| #setgpio | 23   | INPUT    | DEFAULT |
| #setgpio | 24   | INPUT    | DEFAULT |
| #setgpio | 25   | INPUT    | DEFAULT |
| #setgpio | 26   | INPUT    | DEFAULT |
| #setgpio | 27   | INPUT    | DEFAULT |