TEST SUMMARY

ROTARY ENCODER USING PCNT DRIVER

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This is a summary of learnings I've made while testing the encoder on `Pulse Counter` module

- Structs in C++ require ordered declaration

  For example,

```cpp
pcnt_config_t pcnt_config = {
    .pulse_gpio_num = 15,
    .ctrl_gpio_num = 4,
    .lctrl_mode = PCNT_MODE_REVERSE,
    .hctrl_mode = PCNT_MODE_KEEP,
    .pos_mode = PCNT_COUNT_INC,
    .neg_mode = PCNT_COUNT_DIS,
    .counter_h_lim = INT16_MAX,
    .counter_l_lim = INT16_MIN,
    .unit = PCNT_UNIT_0,
    .channel = PCNT_CHANNEL_0
};
```

  The above order is the correct initialization order of the struct `pcnt_config_t`, **unlike** the specified version in the `PCNT` example in *ESP-IDF*.

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