

## Icom IC-7300 S Meter, SWR & Power Meter

### Using ESP32 with 2.8" TFT Display

#### With additional functions

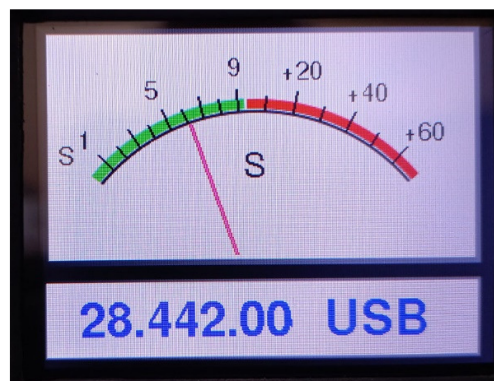
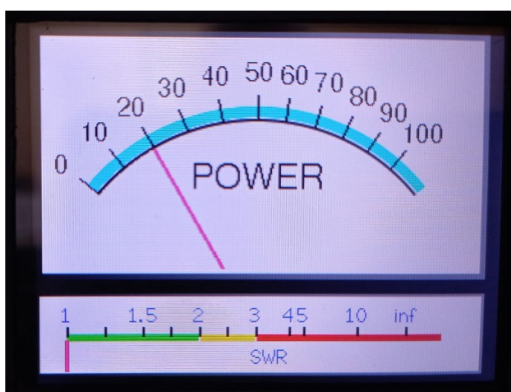
Most of the documentation for this can be found in the original project which is on this website. The wiring for this is essentially the same except there is an additional 2 pole 6 position switch for Power and function; pullup resistors on GPIO36 and GPIO39 which are wired to the switch to provide switching options.

When the switch position is such that GPIO36 is LOW the SWR/POWER meters are swapped between a bar and analog meter presentation when on transmit. GPIO39 is not used but wired for possible added function in the future.

When on receive frequency and mode are now displayed under the "S Meter".

Some areas of the code have been changed substantially to provide for a more universal communication with the IC-7300. This provides for easier addition of other control/update information with the transceiver.

Because the original design is a little less complex it was decided to leave it on the website as is and add this as an additional design.



The circuit for the updated design is shown on the next page.

