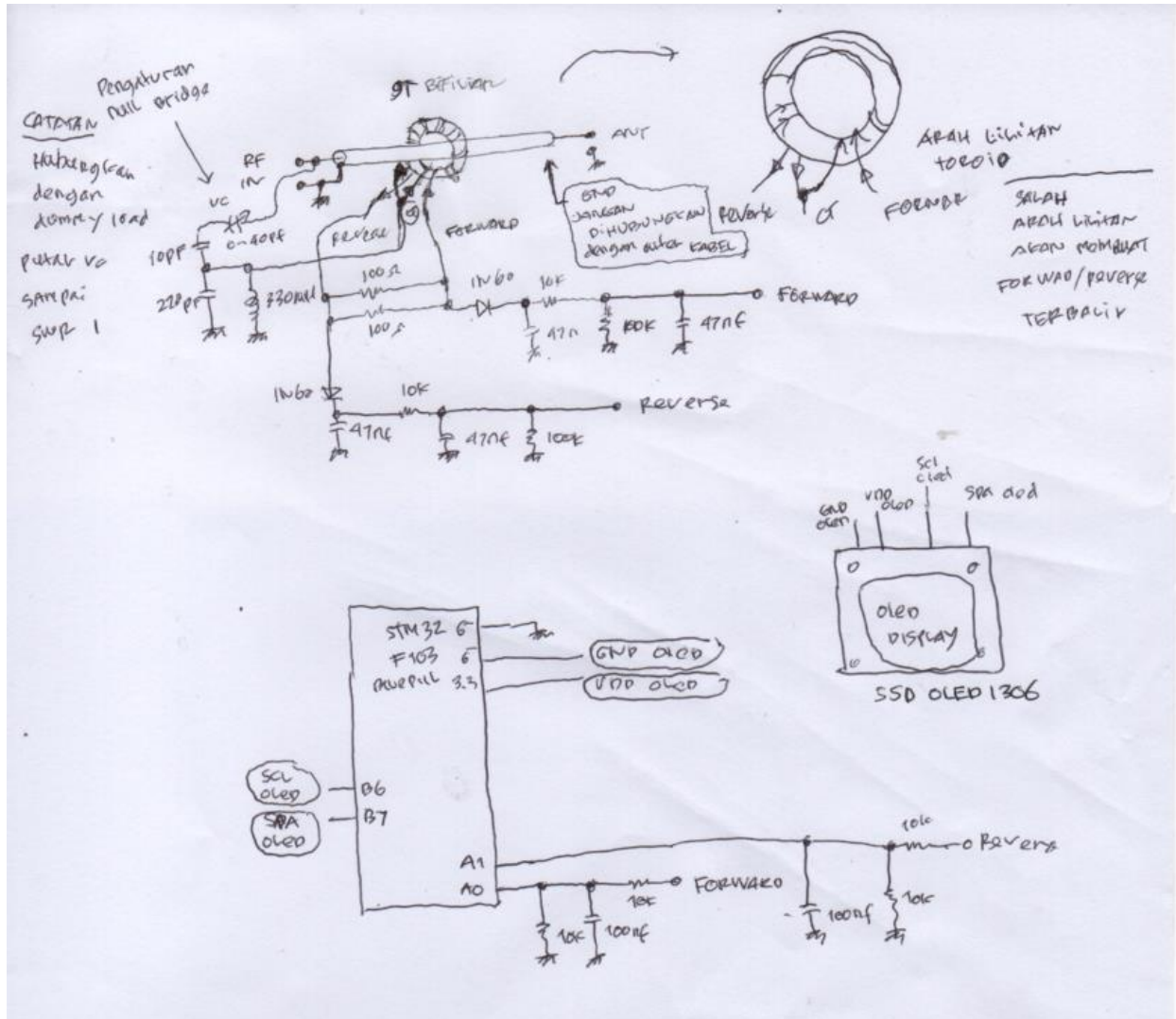# SWR METER SEDERHANA

BRUENE BRIDGE

PUTU DARMAYASA

Forward

Antenna

Reverse

RF Input

Perhatikan Arah Lilitan Pada Toroid
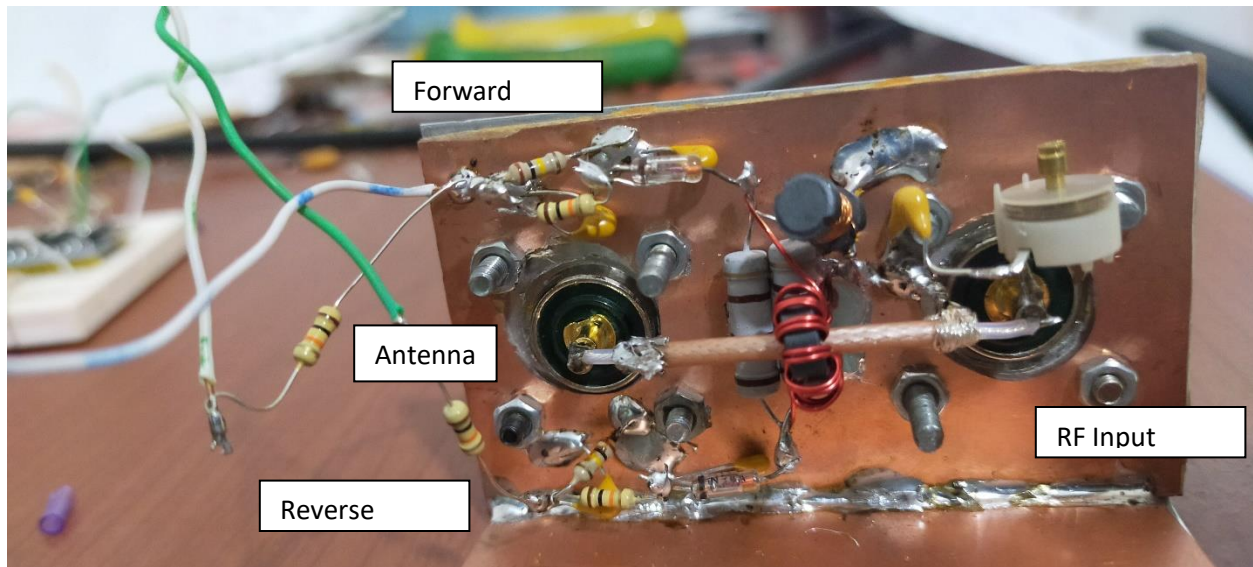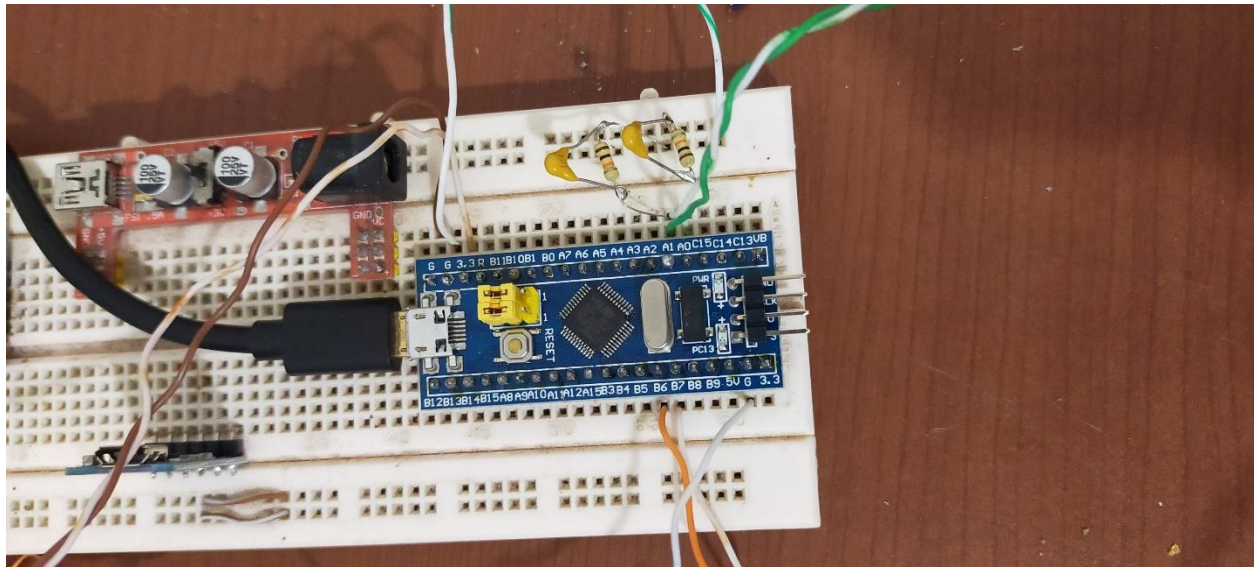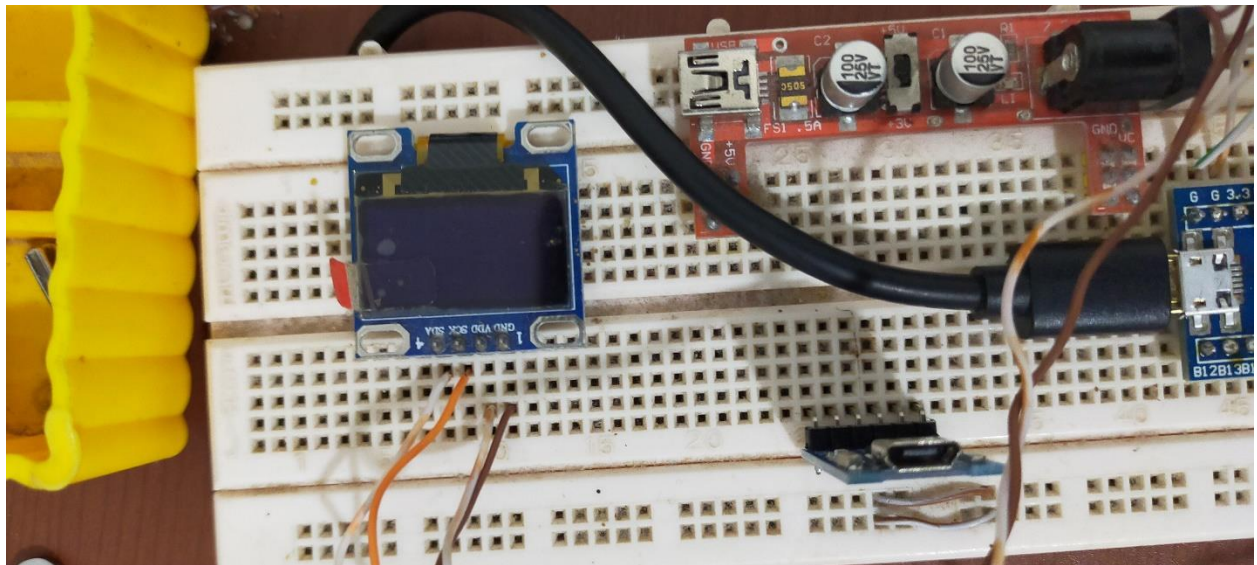
Koneksi Pada STM 32

Koneksi OLED SSD1306

SOFTWARE SECTION

Software System Workbench For STM32

ST-LINK untuk programming

Nama project i2cscan, masih belum sempat ganti 😊
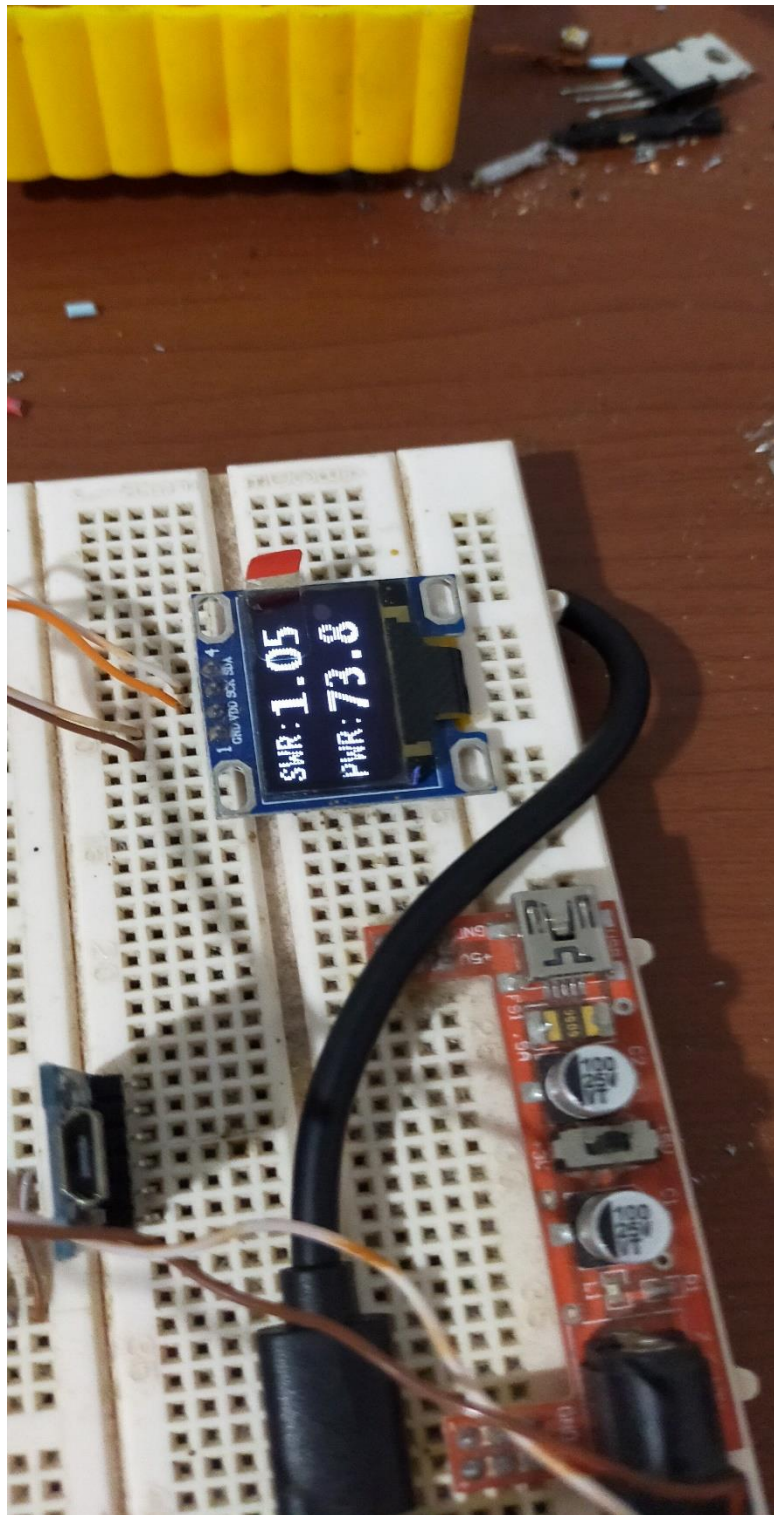
```
227        // Get ADC value
228        HAL_ADC_Start(&hadc1);
229        HAL_ADC_PollForConversion(&hadc1, HAL_MAX_DELAY);
230        reverse = HAL_ADC_GetValue(&hadc1);
231        // Convert to string and print
232
233
234        float pwr_fwd, pwr_rev , pwr_tot;
235
236        // Catatan Nilai Koreksi 0.07  di sesuaiakan utk perhitungan power, sesuai ferri
237
238        pwr_fwd = 0.07 * forward;
239        pwr_rev = 0.07 * reverse;
240        pwr_tot = pwr_fwd - pwr_rev;
241
242        sprintf(pwrval, "%2.1f", pwr_tot);
243
244
245        ssd1306_SetCursor(0, 35);
246        //sprintf(fval, "%hu\r\n", forward);
247        ssd1306_WriteString("PWR:",Font_11x18, White);
248        ssd1306_WriteString(pwrval,Font_16x26, White);
249        ssd1306_UpdateScreen();
250
251        //ssd1306_SetCursor(0, 50);
252        //sprintf(rval, "%hu\r\n", reverse);
253        //ssd1306_WriteString("Rev:",Font_7x10, White);
```

🔲 Problems 📄 Tasks 💻 Console ⊠ 🔲 Properties

- Sesuaikan nilai (0.07) untuk perhitungan daya
- Tersedia precompiled hex file pada debug folder

Selamat Mencoba, bisa dikembangkan untuk menambah fitur SWR Pada BITX, SWR Protection

Terima Kasih

REAL TEST