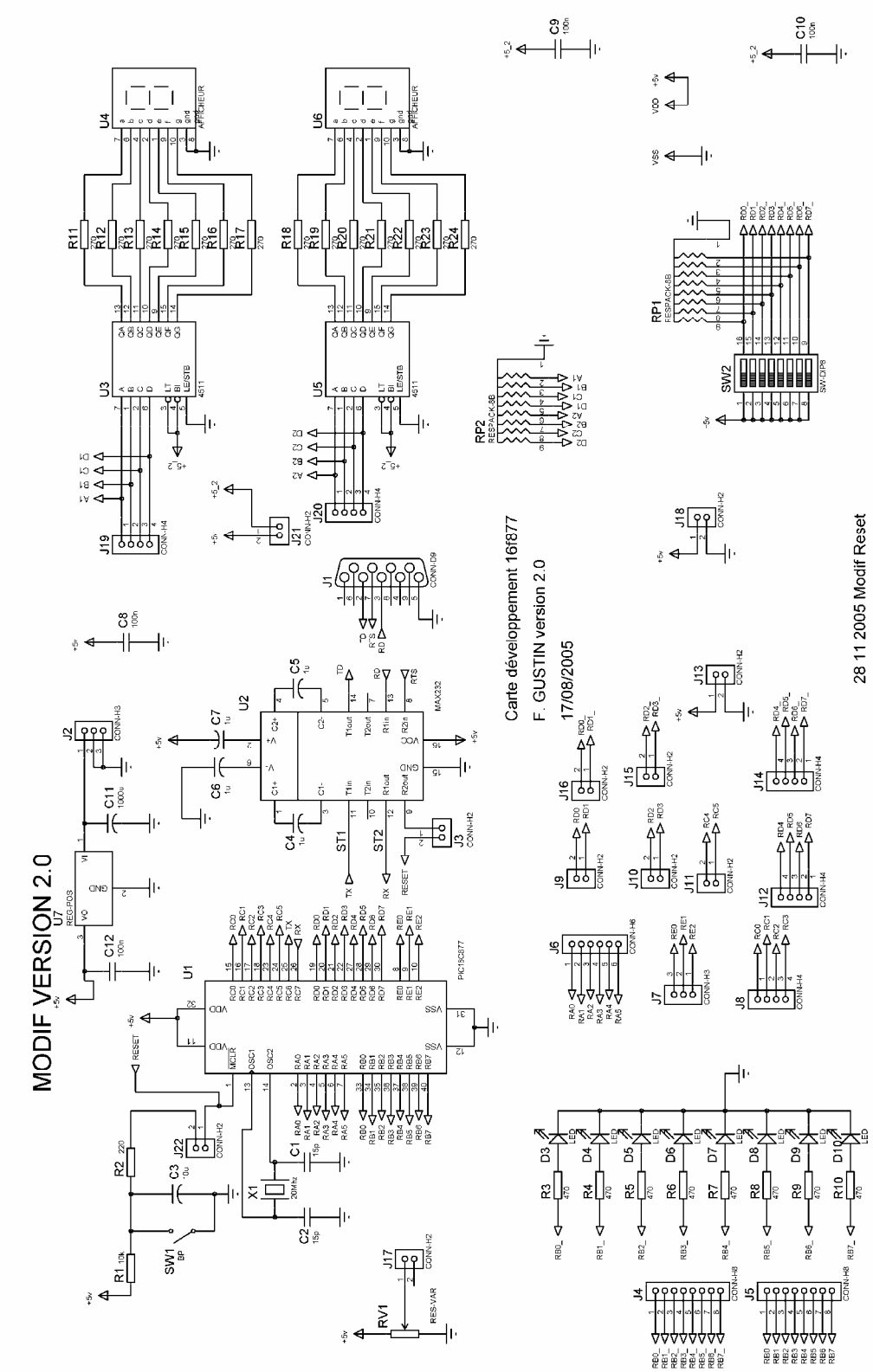
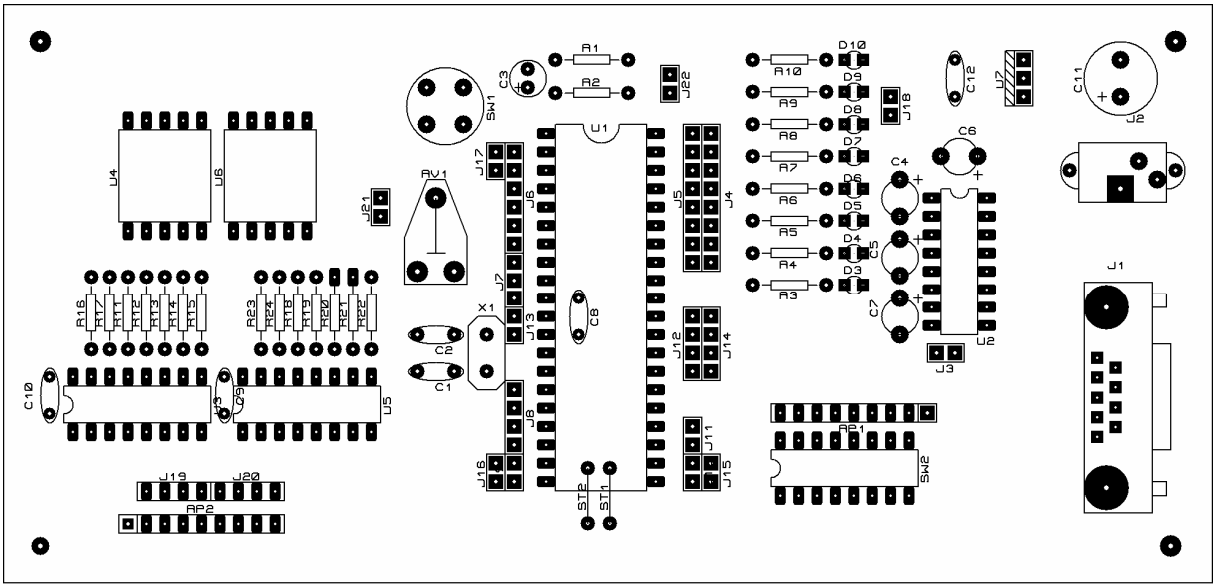
# Dossier technique

## Carte de développement 16F877 version 2

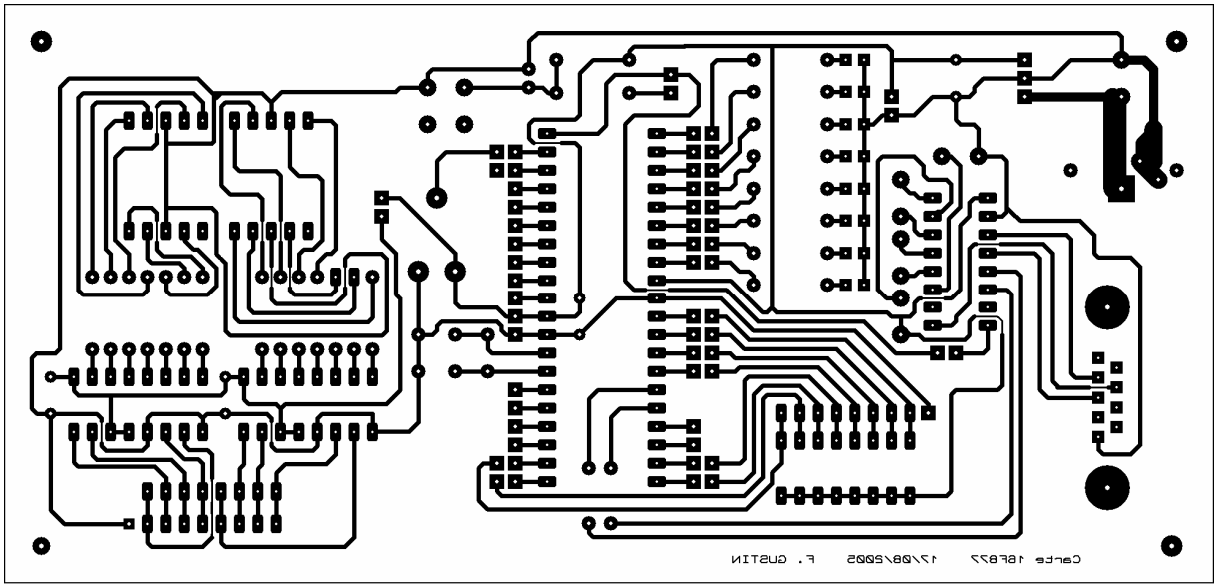
Schéma :



## Implantation des composants :



## Liste des composants :

| | | |
|---|---|---|
| 1 | R1 | 10k |
| 1 | R2 | 220 |
| 8 | R3,R4,R5,R6,R7,R8,R9,R10 | 470 |
| 14 | R11,R12,R13,R14,R15,R16,R17,R18,R19,R20,R21,R22, R23,R24 | 270 |
| 2 | C1,C2 | 15p |
| 1 | C3 | 10u |
| 4 | C4,C5,C6,C7 | 1u |
| 4 | C8,C9,C10,C12 | 100n |
| 1 | C11 | 1000u |
| 1 | U1 | PIC16C877 |
| 1 | U2 | MAX232 |
| 2 | U3,U5 | 4511 |
| 2 | U4,U6 | AFFICHEUR |
| 1 | U7 | 7805 |
| 8 | D3,D4,D5,D6,D7,D8,D9,D10 | LED |
| 1 | J1 | CONN-D9 |
| 2 | J2,J7 | CONN-H3 |
| 11 | J3,J9,J10,J11,J13,J15,J16,J17,J18, J21,J22 | CONN-H2 |
| 2 | J4,J5 | CONN-H8 |
| 1 | J6 | CONN-H6 |
| 5 | J8,J12,J14,J19,J20 | CONN-H4 |
| 2 | RP1,RP2 | RESPACK-8B |
| 1 | RV1 | RES-VAR 10k |
| 2 | ST1,ST2 | |
| 1 | SW1 | BP |
| 1 | SW2 | SW-DIP8 |
| 1 | X1 | 20Mhz |

Circuit imprimé coté cuivre :