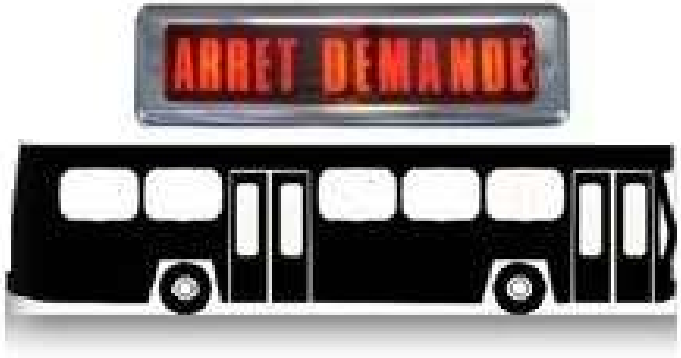


PROJET VALAR2000
Arrêt Demandé

Mr. COTTET

Année 2017-2018

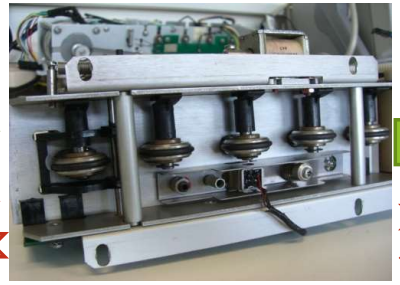
Lycée Maurice GENEVOIX

Académie Orléans-Tours

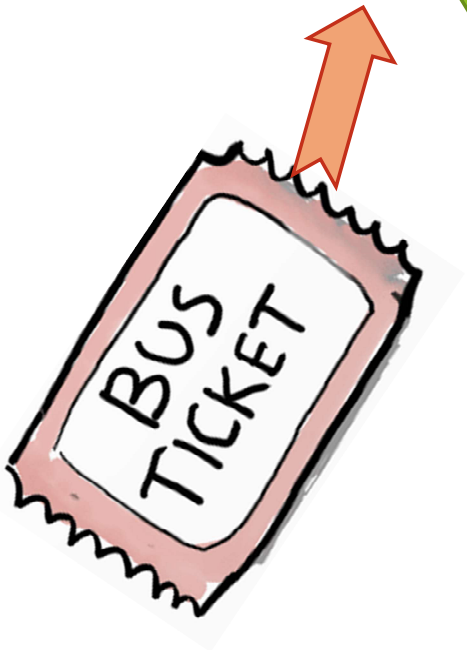
SYSTÈME ACTUEL

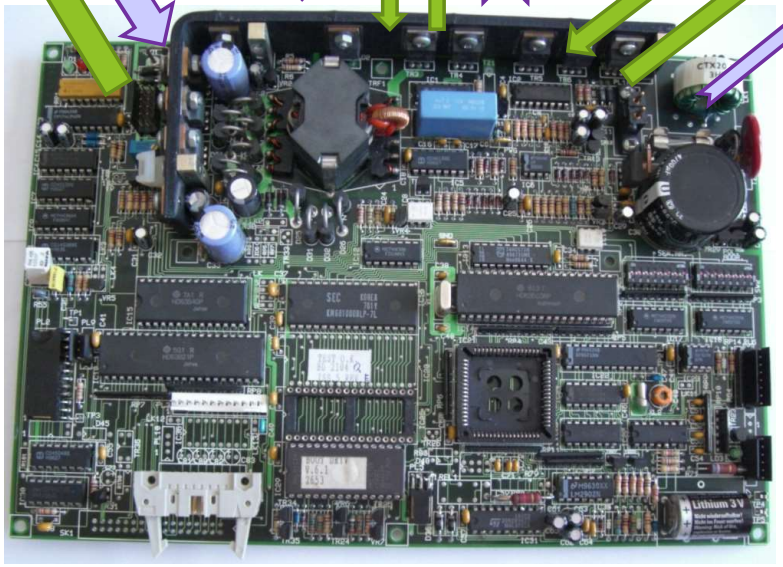
Lecture/Ecriture Magnétique

Moteurs



Impression



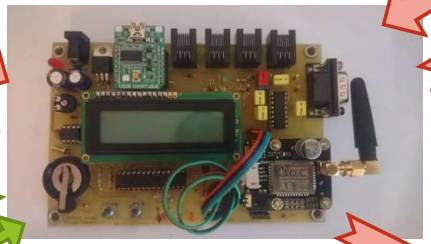


Infos ticket

Trajet du ticket

Interactions matérielles

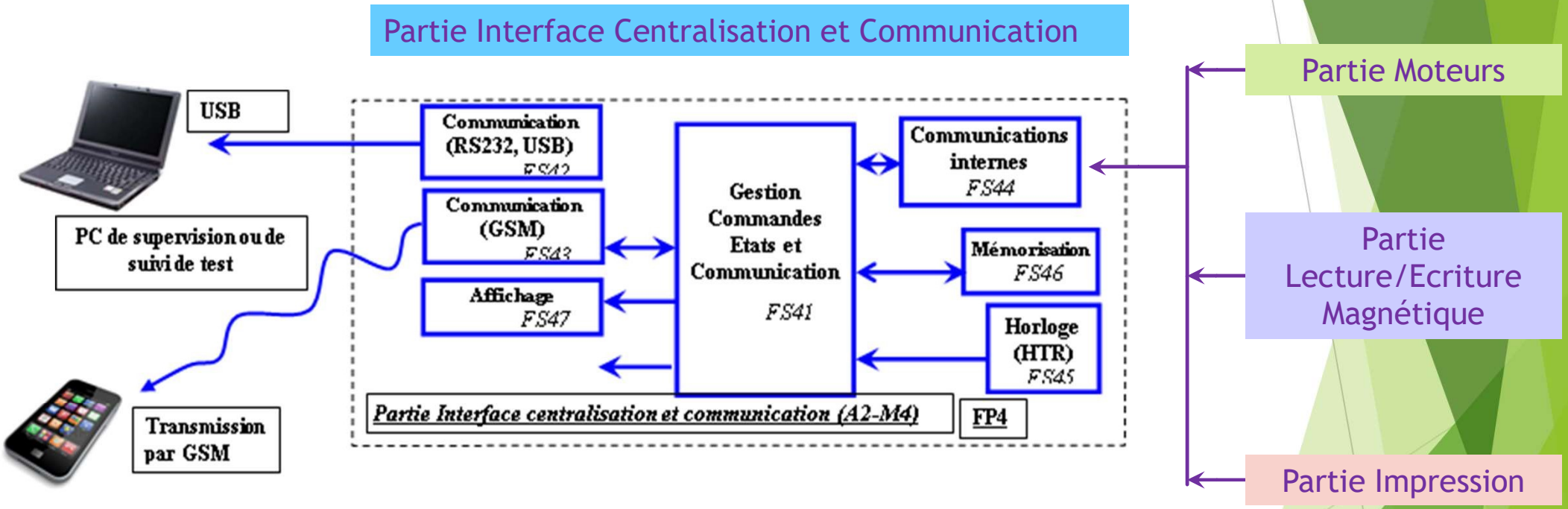
NOUVEAU SYSTÈME



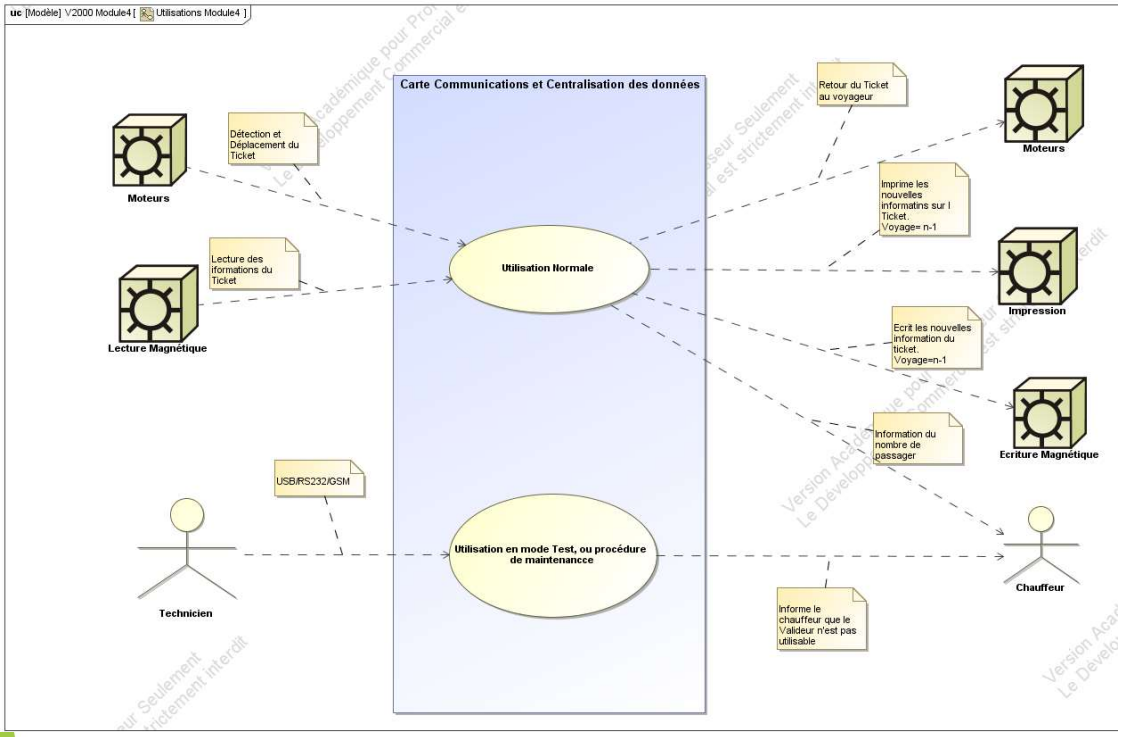
Carte ICC

Maître de Voyage

DESCRIPTION DU PROJET



Diagrammes SysML



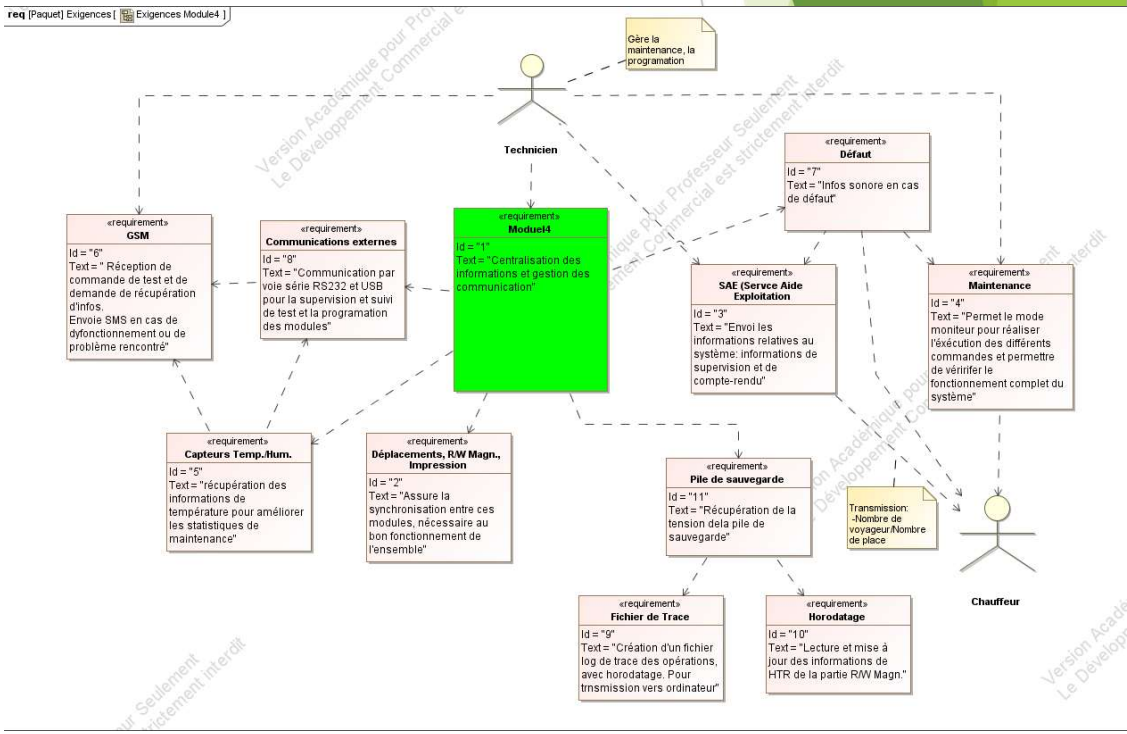
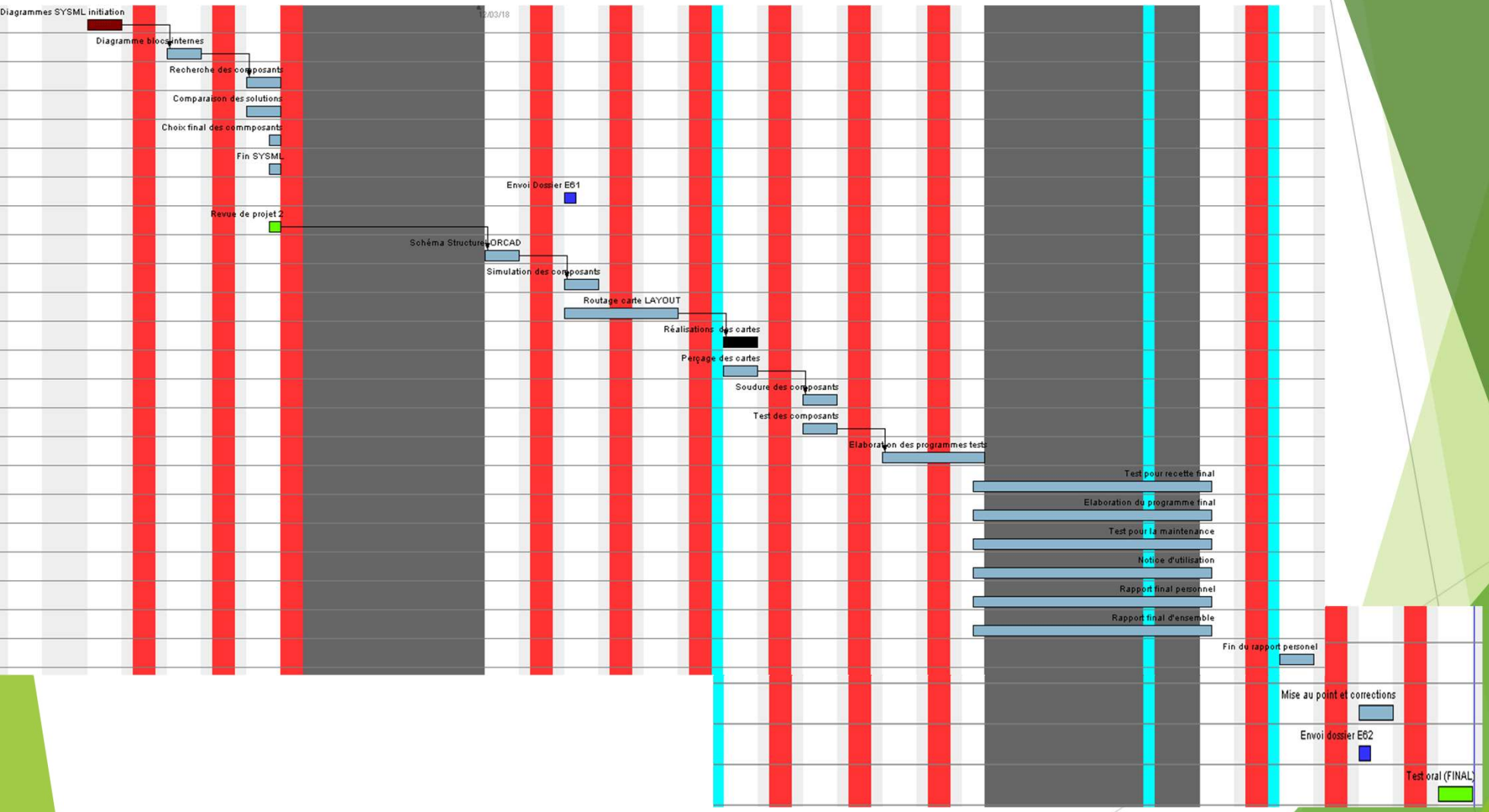
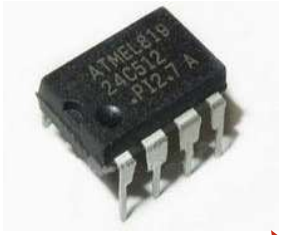


Diagramme de GANTT

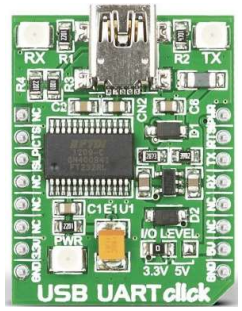


LES DIFFERENTES FONCTIONS



Mémoire

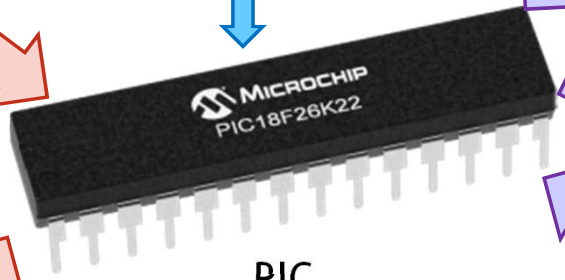
Afficheur LCD



USB

GSM

Horloge
Temps
Réel



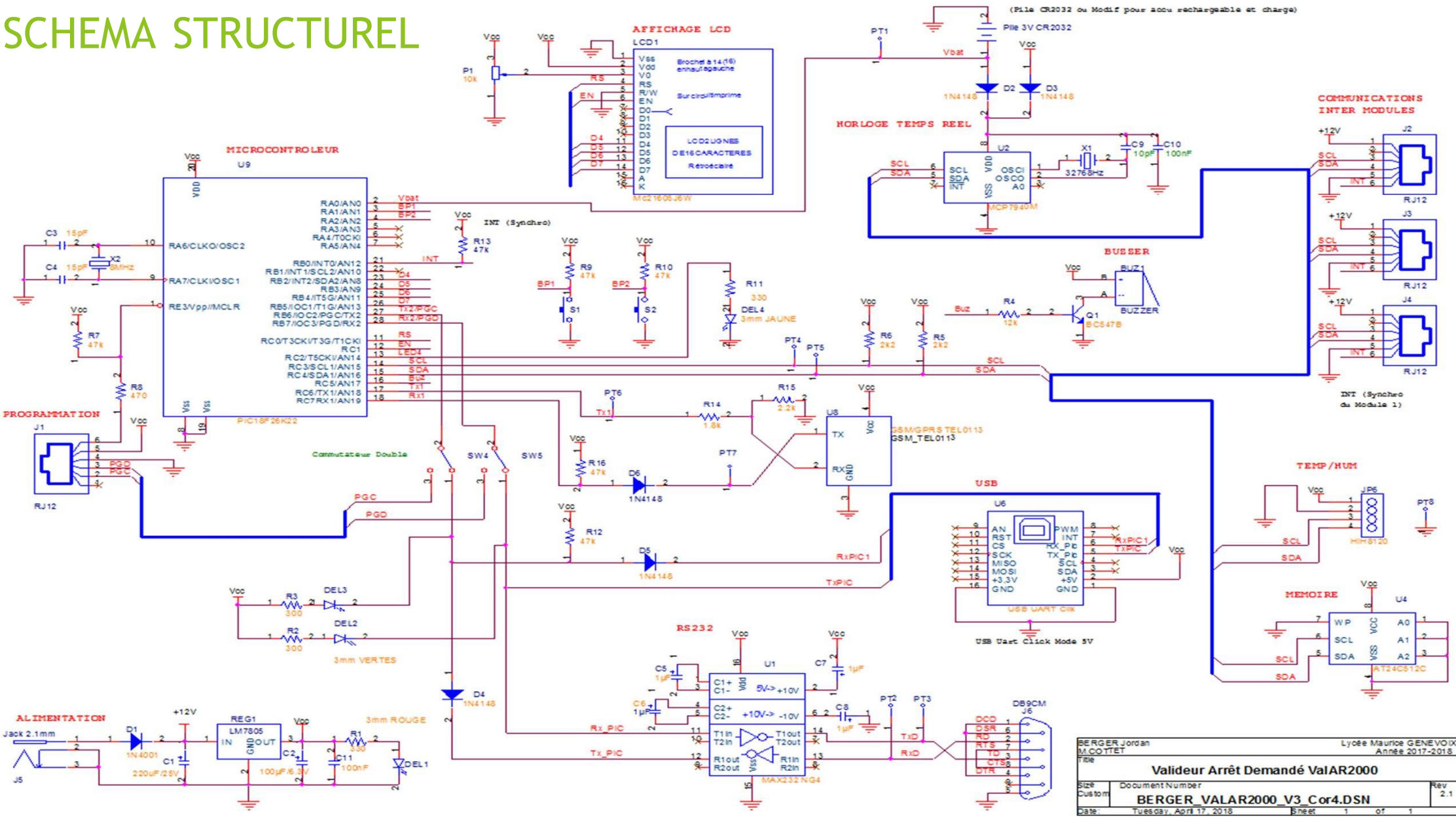
PIC

Capteur
Température/Humidité

RS232

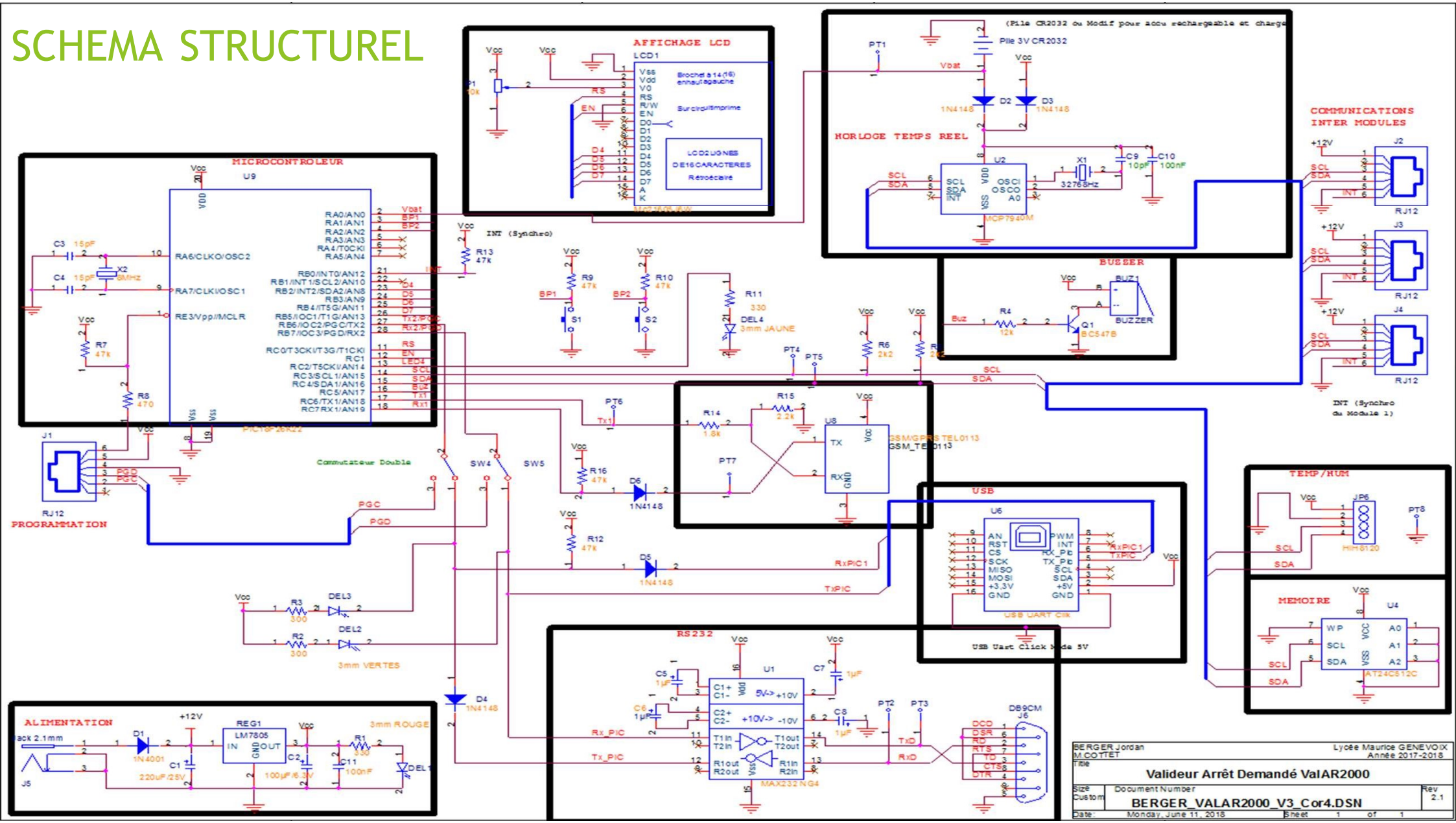
Caractéristiques	PIC18F26K22
Taille mémoire (kB)	64
Vitesse CPU (MIPS)	16
Taille EEPROM (octets)	1024
Communications	2-UART
	2-I2C
	2-SPI
Timers	3x*8 bits
	4x16 bits
ADC	17ch,10bits
Température	-40°C à 125°C
Tension	1.8V à 5.5V
Nombre de broches	28

SCHEMA STRUCTUREL

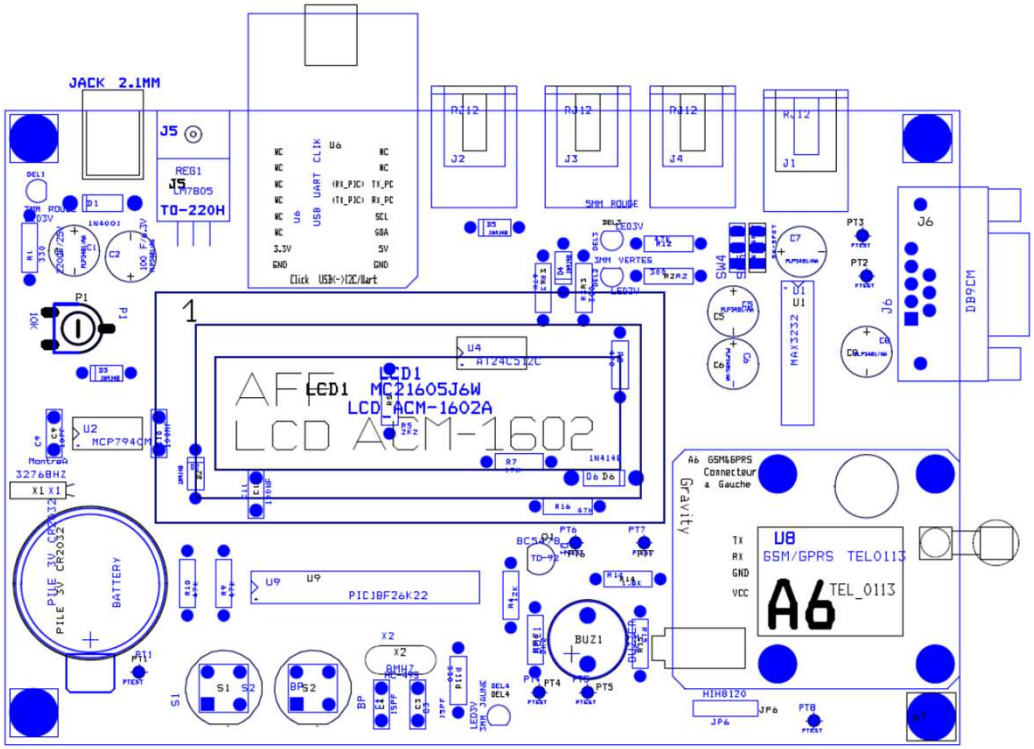


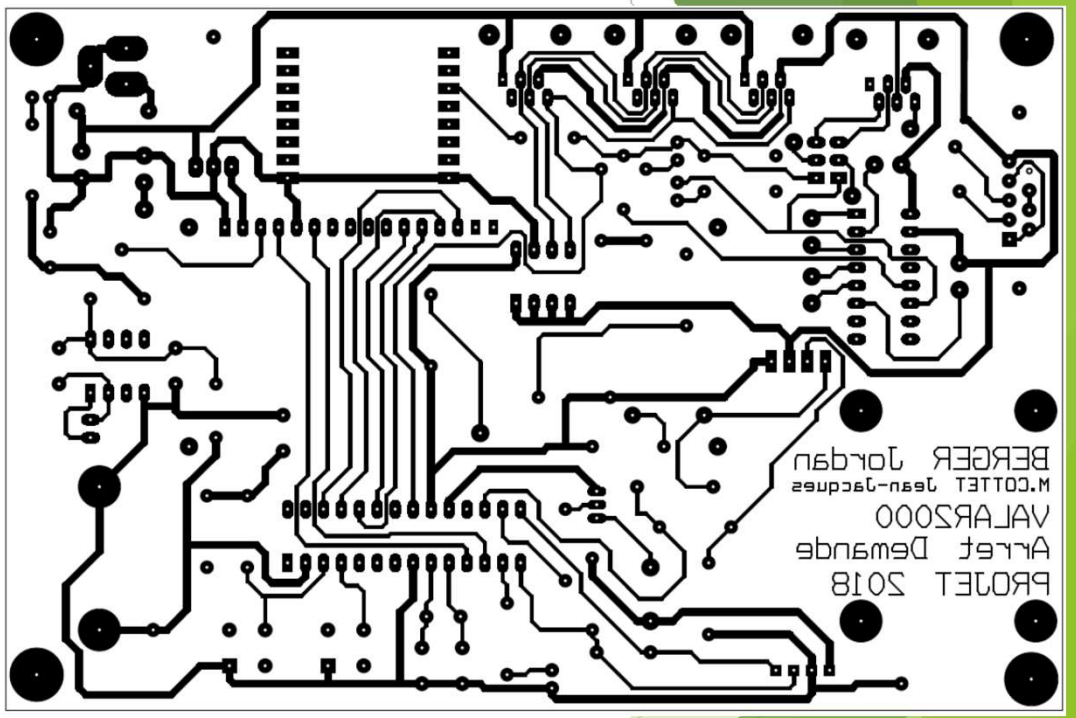
BERGER Jordan M.COTTET		Lycée Maurice GENEVOIX Année 2017-2018
Title	Valideur Arrêt Demandé ValAR2000	
Size Custom	Document Number BERGER_VALAR2000_V3_Cor4.DSN	Rev 2.1
Date: Tuesday, April 17, 2018	Sheet 1 of 1	

SCHEMA STRUCTUREL



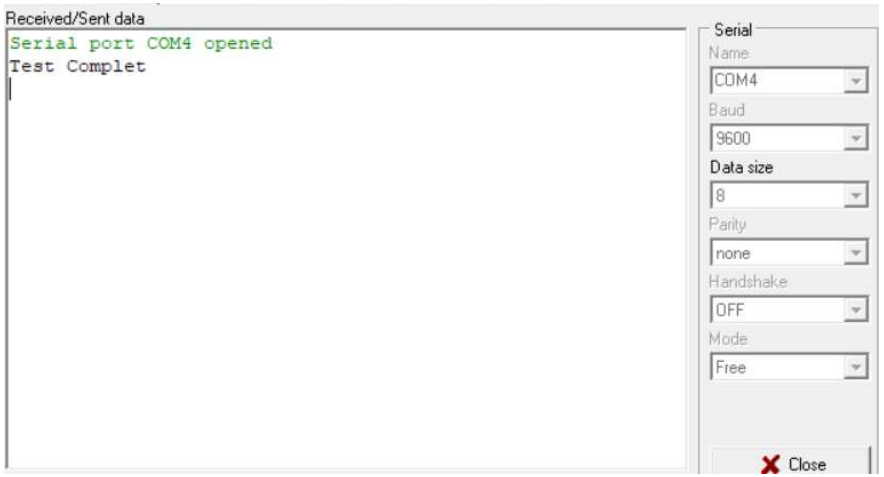
DESIGN


JACK 2.1MM
J5
REG1
LM7805
TO-220H
J2
J3
J4
J1
J6
DB9CM
MAX3232
LCD1
MC21605J6W
LCD_ACM-1602A
LCD ACM-1602
U4
MCP794CM
PIC18F26K22
BATTERY
PILE 3V CR2032
BUZ1
U8
GSM/GPRS TEL0113
A6
TEL_0113
HIH8120


BERGER Jordan
M.COTTET Jean-Jacques
VALAR2000
Avril Demande
PROJET 2018

PROGRAMMATION

mikroC everywhere™ PRO for PIC



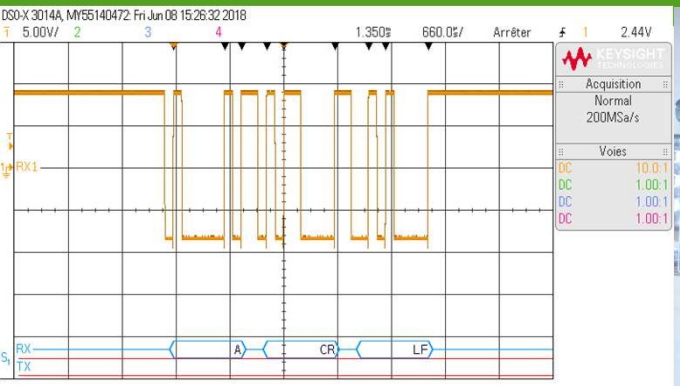
Messagerie • mainten.

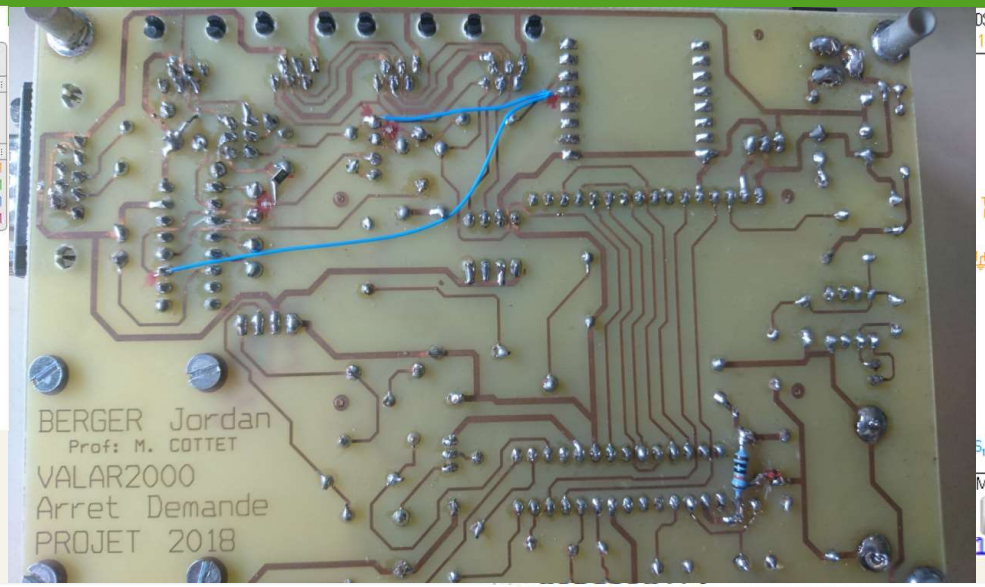
+33652073148

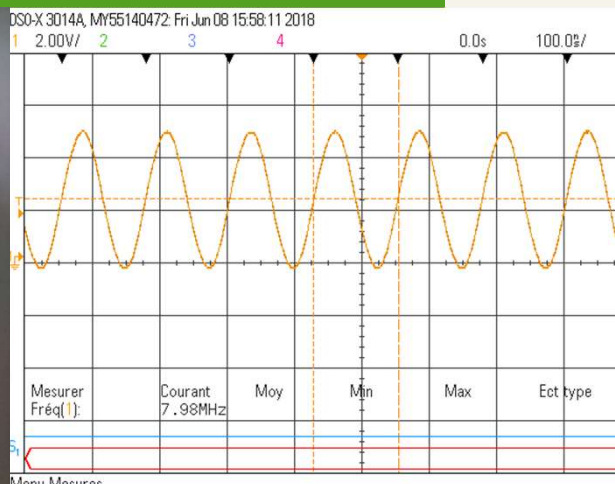
Ca marche

RÉPONDRE MARQUER COMME LU

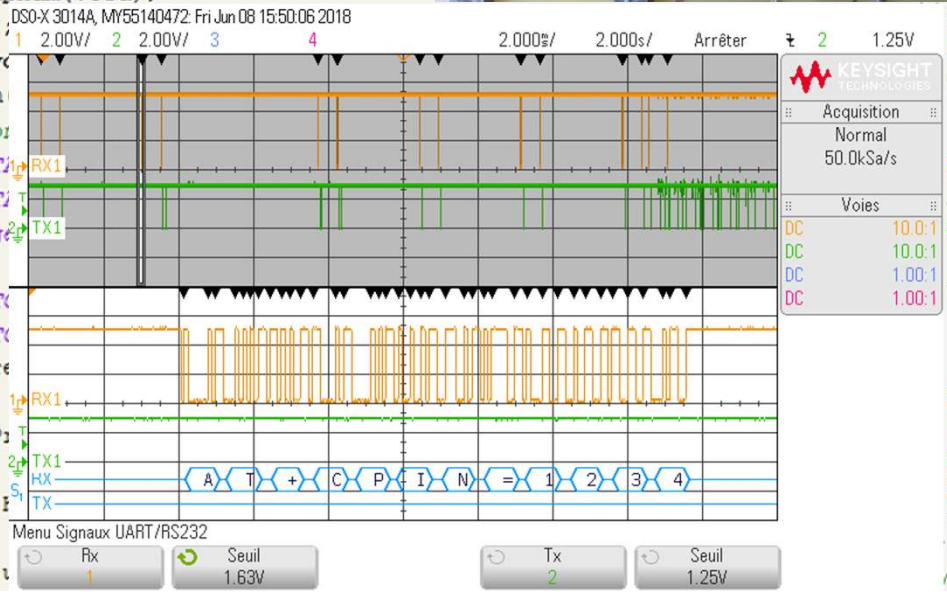
FICHES RECETTES/TESTS/PROBLEMES RENCONTRES

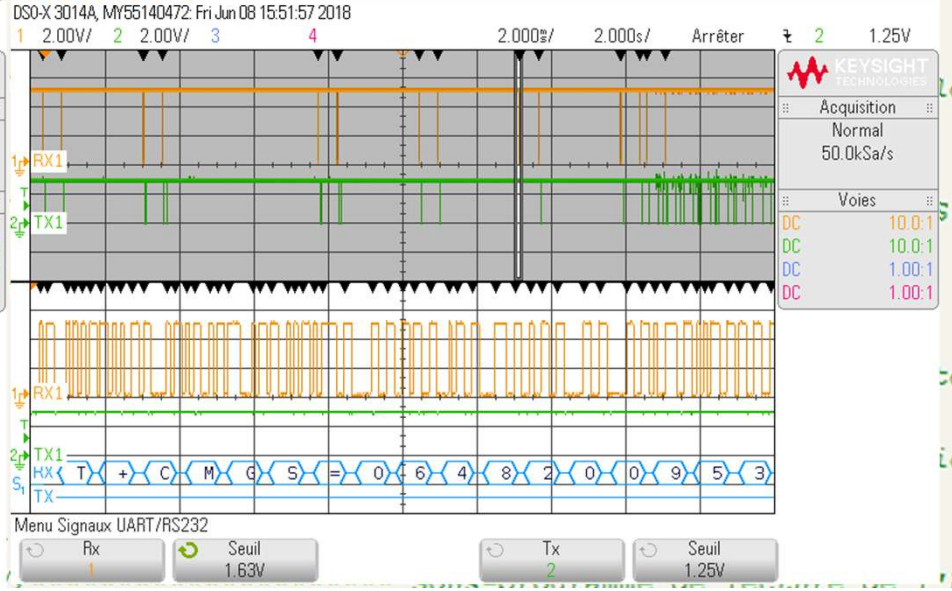







```
void retchar(void);
void Param_Heure(void);
void Test_Complet(void);
void Lecture_Heure(void);
void Lecture_TempHum(void);
void Vpile(void);
void Aff_Heure(vo
void Aff_TempHum
/*******Defintio
#define BP1 PORT
#define BP2 PORT
#define LedOrange
#define LA 440
#define SCL  LAT
#define SDA  LAT
char reponseH, re
     UnitSec;
char H_Prog, M_P
float humcalcul,
int reponseHum,
    Resteh;
char cent, diz,
```





OBJECTIFS

- Mise en œuvre de la mémoire
- Interruptions
- Communications avec les autres cartes
- Programme de mise en fonctionnement du valideur