

- 1 function
- 1 software

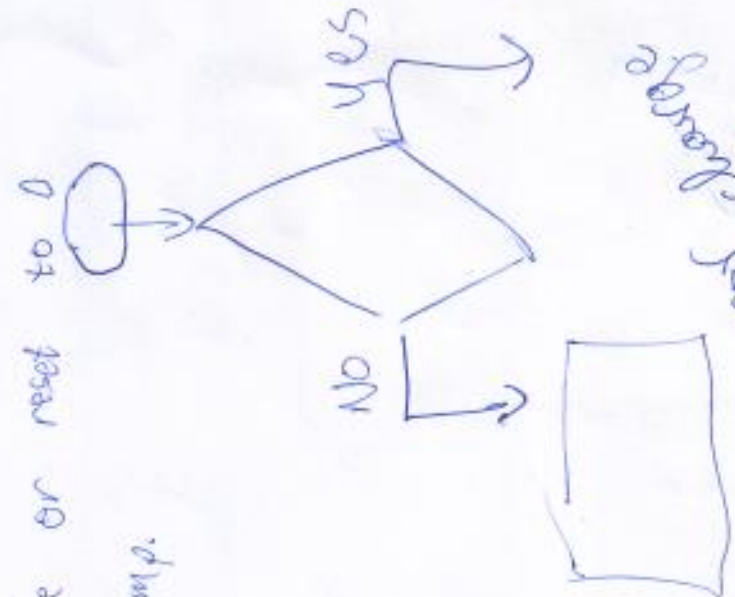
- 1 Board layout
- 1 Test SSR

Things to be checked

- ✓ - percent start
- ✓ - Voltage?
- ✓ - temperature?
- ✓ - percent stop
- ✓ - Voltage? stop
- ✓ - temperature? stop
- ✓ - time to check again
- ✓ - minimum time
- ✓ - check TWEB
- ✓ - check manual on/off
- ✓ - check start charge for time
- ✓ - Scaling

Interrupts

- New scroll
- check debounce
- increment variable or reset to 0
- Update time stamp.



- Voltage
- Current
- function \rightarrow percent f
- Display information
- Option of charge percent
- Manual override
- Charge fully
- Time (delay)
- Calibration
- Logging (Whenever there is an event).
- Determining capacity battery \rightarrow EEPROM

Variables

- Battery capacity
- Threshold to start/stop charge
- Re-calibrate?
- manual override
- charge fully
- Delay

Optional:

- Display/calculate savings.
- High temperature Switch off.

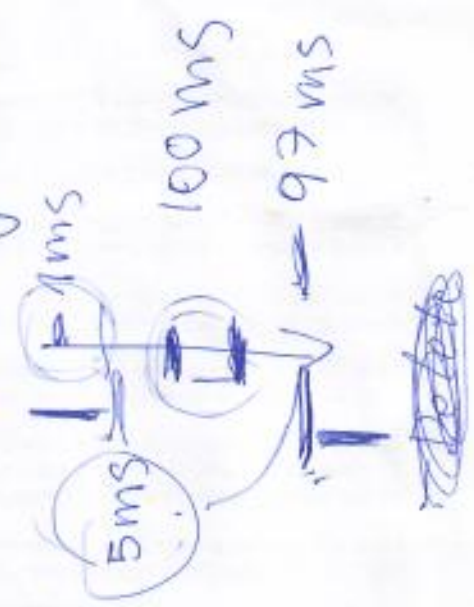
Functions

- Log
- Calculate percentage V_A Cap

- Display text info
- Calibrate
- Voltage & Current

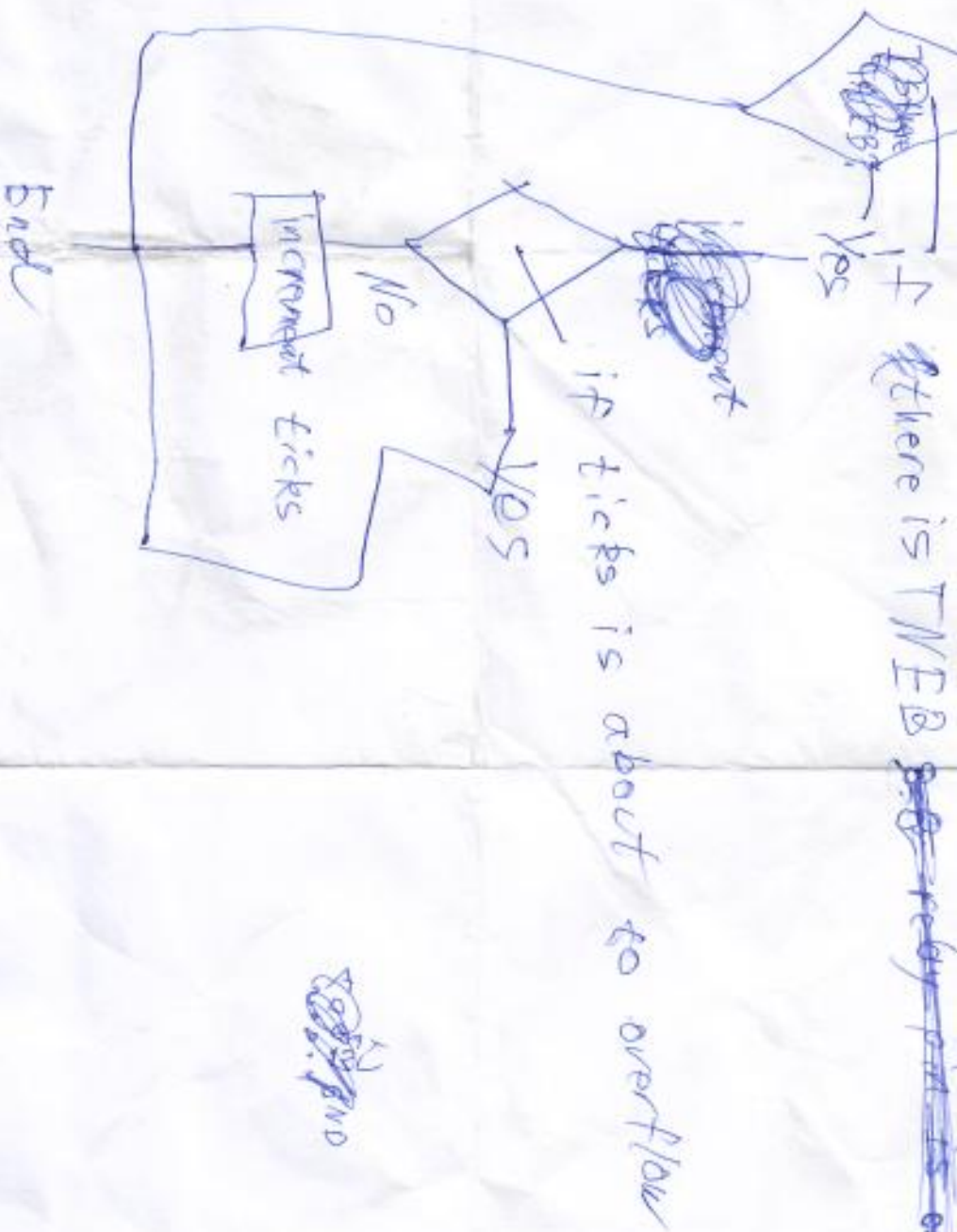
Buttons

- Button interrupt



Timer Overflow ISR

(connect opto-coupler after relay)



~~END~~