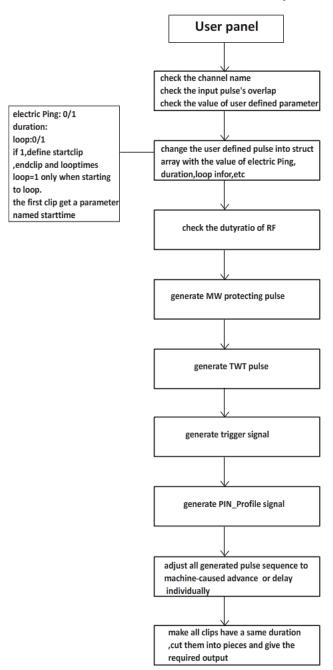
## Pulse File Generator with Fail safe System

Process picture description:

## **Process function description**



## **Functional function description**

dutyratiojudge(T,DUTYRAT)

T:period

DUTYRAT: maximum duty ratio permitted

It is a function to check the dutyratio. It focuses on the struct array decribed in the left.

newpulseclip=putpiecetogether(onep,anop) onep is like the struct array described in the left except for the electric Ping. electricPing in onep is a 0/1 number array with 0/1 representing the electric Ping of channels.

anop is the struct array described in the left. newpulseclip is a struct array like onep. however,anop is added into the newpulseclip