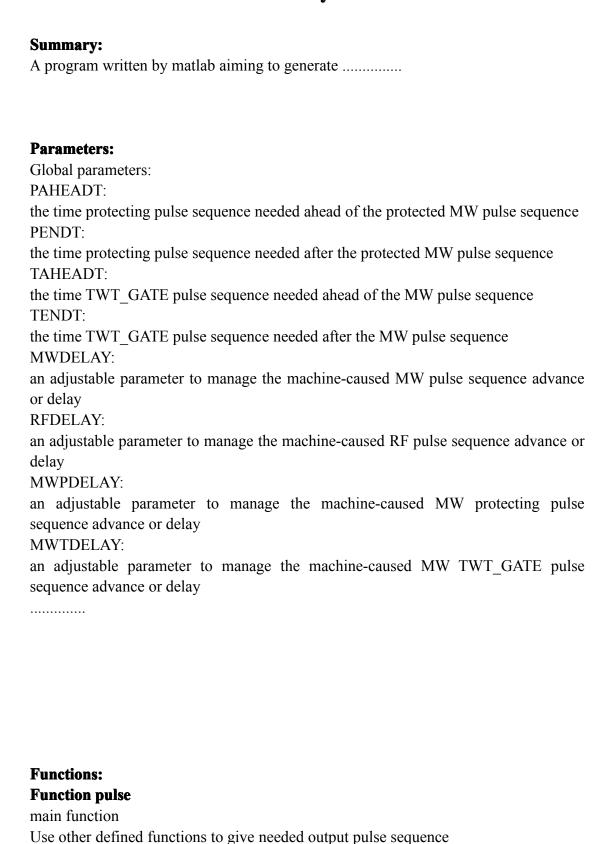
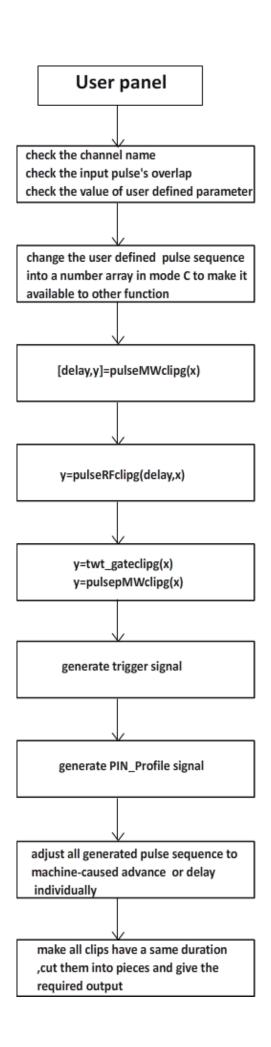
Pulse File Generator with Fail safe System





Function [delay,y]=pulseMWclipg(x)

PULSEMWCLIPG(X) is a function to generate pulse clip.

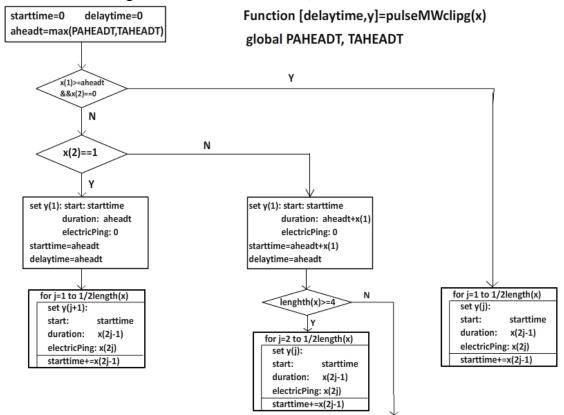
The only parameter X needed is a number array

It has even variables

The odd ones represent the duration time

The even ones represent the electric Ping and should be chosen from 0 and 1

Should define two global variables: PAHEADT, TAHEADT



Function dutyratiojudge(x,DUTYRAT,T)

DUTYRATIOJUDGE(X) is a function to help judge whether the given pulse sequence has too much duty ratio

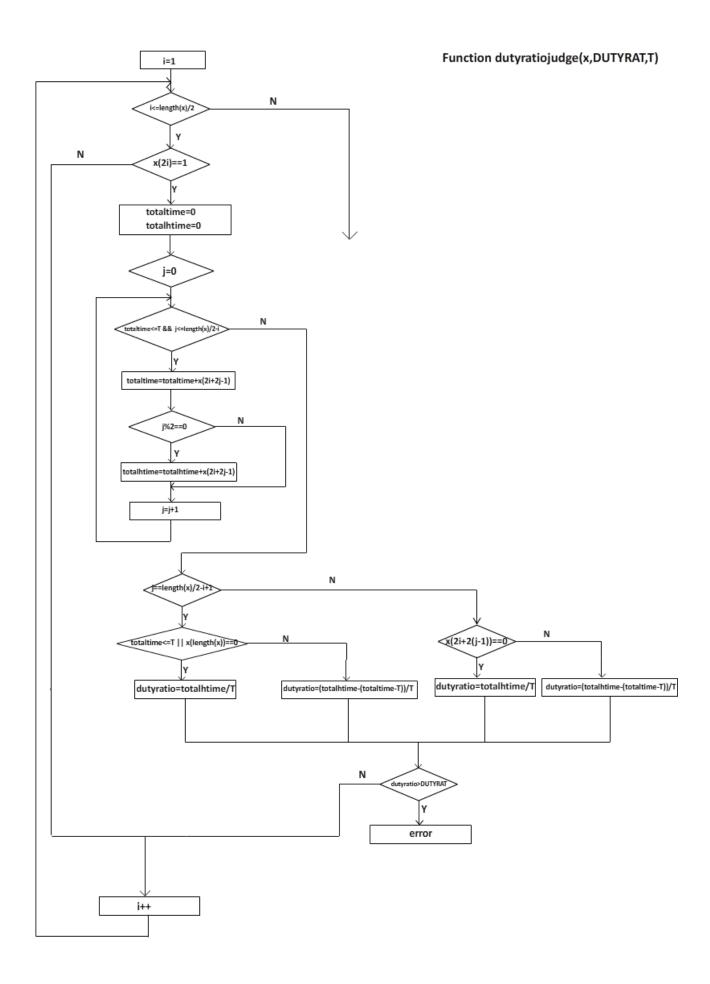
Input parameter X is a number array

It has even variables

The odd ones represent the duration time

The even ones represent the electric Ping and should be chosen from 0 and 1 Input parameter dutyratio is the maximum duty ratio permitted

Input parameter T is the period



Function y=pulseRFclipg(delay,x)

PULSERFCLIPG is a function to generate the RF pulse clip

Parameter DELAY is the time of the needed delay, get from function pulseMWclipg Parameter X is a number array

It has even variables

The odd ones represent the duration time

The even ones represent the electric Ping and should be chosen from 0 and 1 Should define two variables: T, the period; DUTYRAT, the maximum duty ratio

