ANEXO

Algoritmo para funcionamento do protótipo:

W1=0

W2=0

W3=0

SEROUT 7, N2400, (254,1)

LOOP:

WRITE 0,0

DEBUG WO

W1= W1+W0

WRITE 0,1

DEBUG W0

W2=W2+W0

W3=W3+1

SEROUT 0, N2400, (254, 128)

PAUSE 40

SEROUT 7, N2400, (“C”, #W3, “W1= “ , #W1, “W2=”, #W2, “ “)

PAUSE 1000

If W3=10 THEN MEDIA

GOTO LOOP

MEDIA:

W4=W1+W2/20

W4= 62\*W4-830

W5=W4/100

W6=W5\*100

W0= W4-W6

SEROUT 7, N2400, (254, 192)

PAUSE 40

SEROUT 7, N2400, (“TC= ”, #W5, “,”, #W0, “ “)

If w5< 40 then LIGA

If w5 > 50 then DESLIGA

LIGA:

HIGH 0

HIGH 4

W1=0

W2=0

W3=0

GOTO LOOP

DESLIGA:

LOW 0

LOW 4

W1=0

W2=0

W3=0

GOTO LOOP