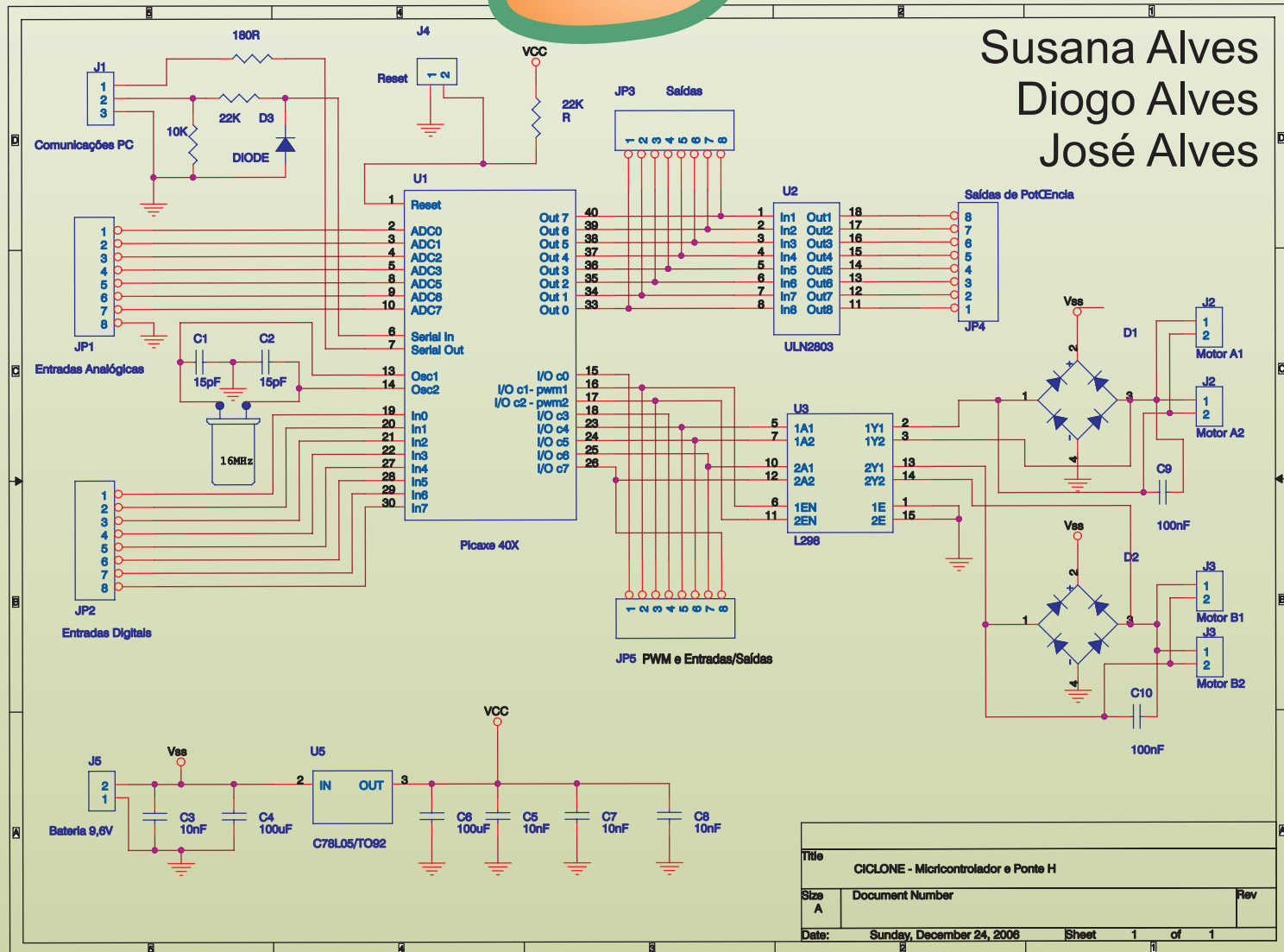


BSJA secundário

Zeebee



```

let dirsc=%11111111
symbol trig = 1
symbol echo = 3
symbol dist = w4
symbol cor = w5
symbol cor1 = w6
symbol flag=b0
  pwmout 2,255,800
  pwmout 1,255,880
main:
L1:  high 0
      readadc10 0,cor
      low 0
      debug w5
      if cor > 975 then alarm_on
      if cor < 640 or cor > 680 then L2
      high 0
      readadc10 0,cor1
      low 0
      if cor = cor1 then alarm_on
      goto L2
alarm_on:
      high portc 3           ; liga luzes azuis
      sound 2,(b2,30)       ; toca som
      low portc 3           ; desliga luzes
      let b3 = b2 + 25      ; toca som
      sound 2,(b3,30)       ; mais agudo
      next b2
      high portc 7           ; liga
      low portc 6           ; todos os
      high portc 5           ;
      low portc 4           ;
      pause 1000            ;
L2:  ;barreira
      pulsout trig,2
      pulsinc echo,1,dist
      pause 10
      let dist = dist * 10 / 216
      if dist < 5 then obstaculo
      goto L3
  
```

