

ROBIN ALFONSO BLANCO CAÑON



UNIVERSIDAD  
**NACIONAL**  
DE COLOMBIA

# PRESENTACIÓN DE **LABORATORIO NO.3** **MICROCONTROLADORES**

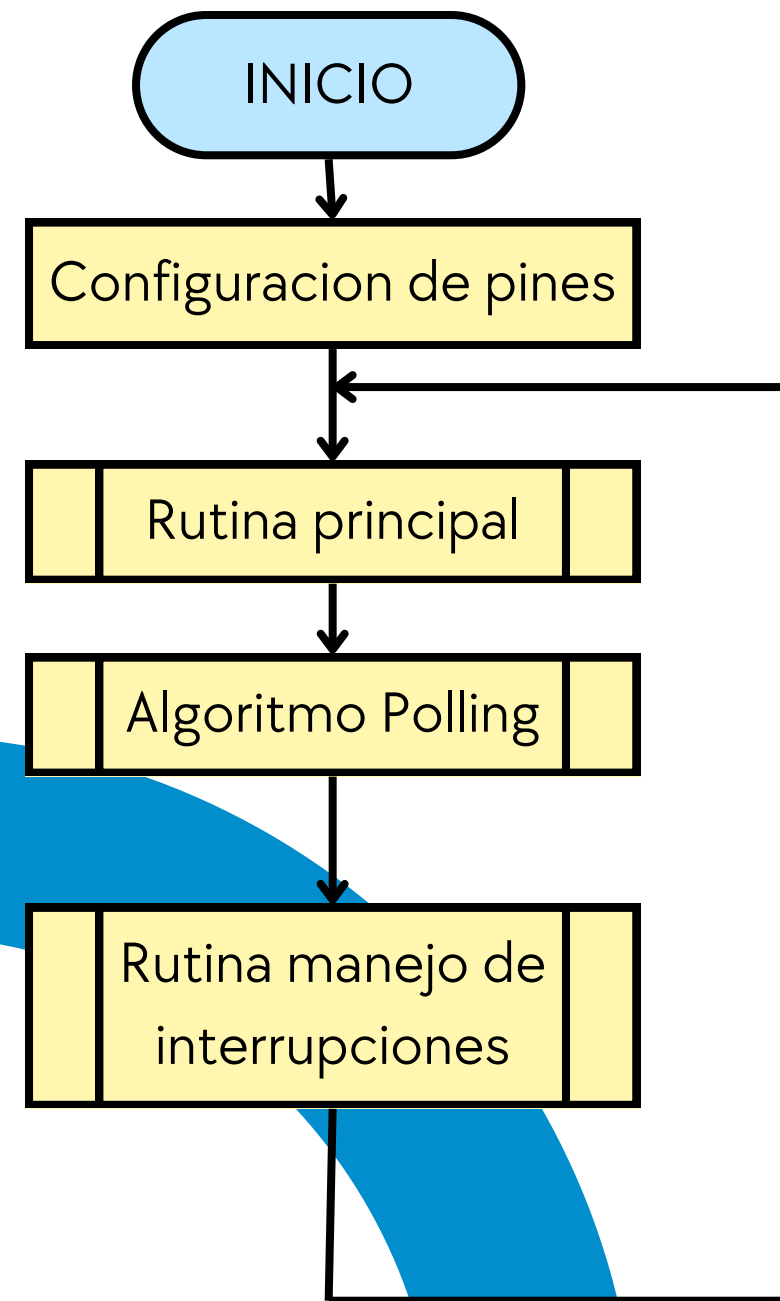
Maria Lucia Arias Ortiz  
Juan Antonio Rojas Cobos

1005281015  
1002341393

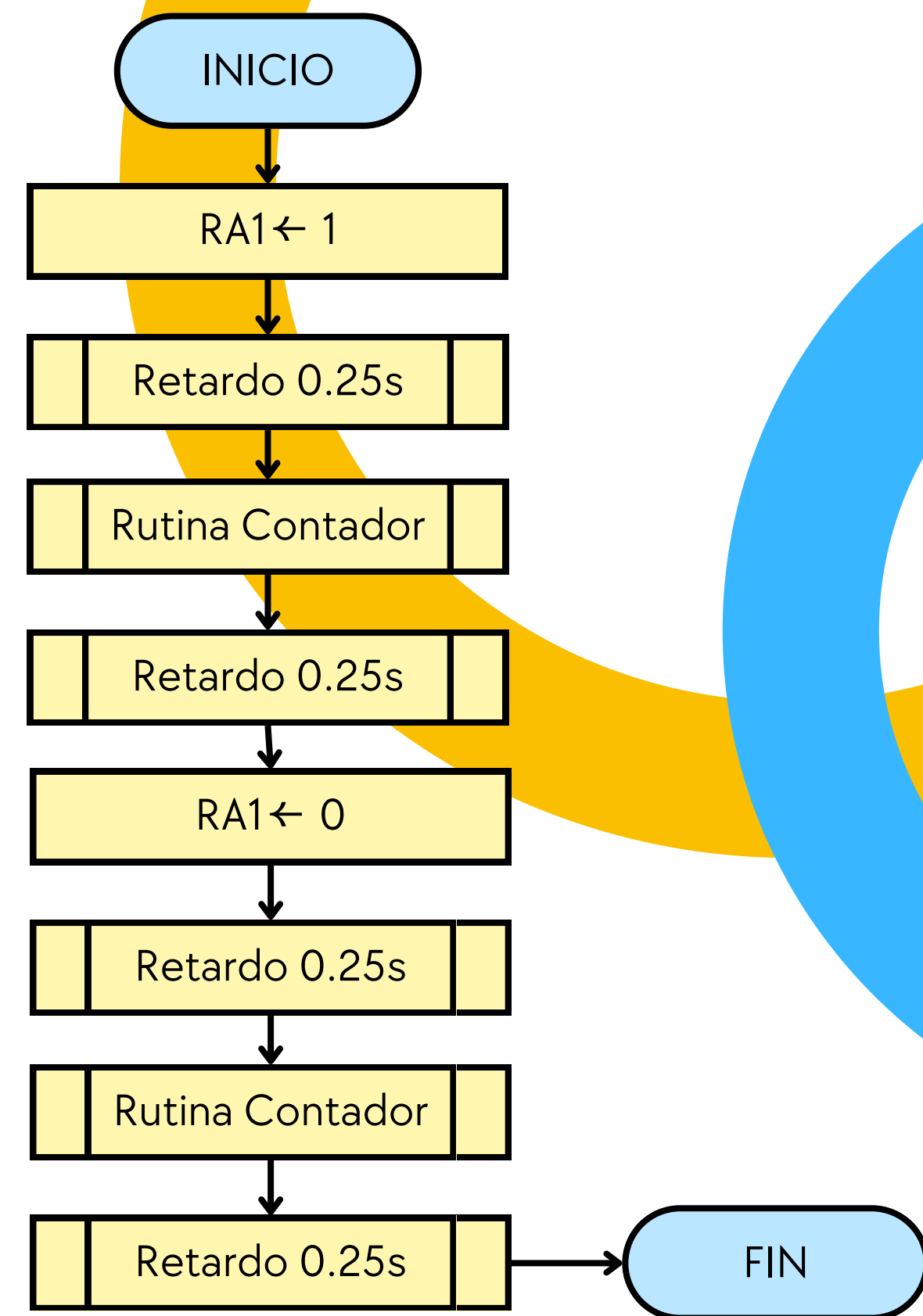
mariasor@unal.edu.co  
juarojasco@unal.edu.co

# DIAGRAMAS DE FLUJO

## Algoritmo general

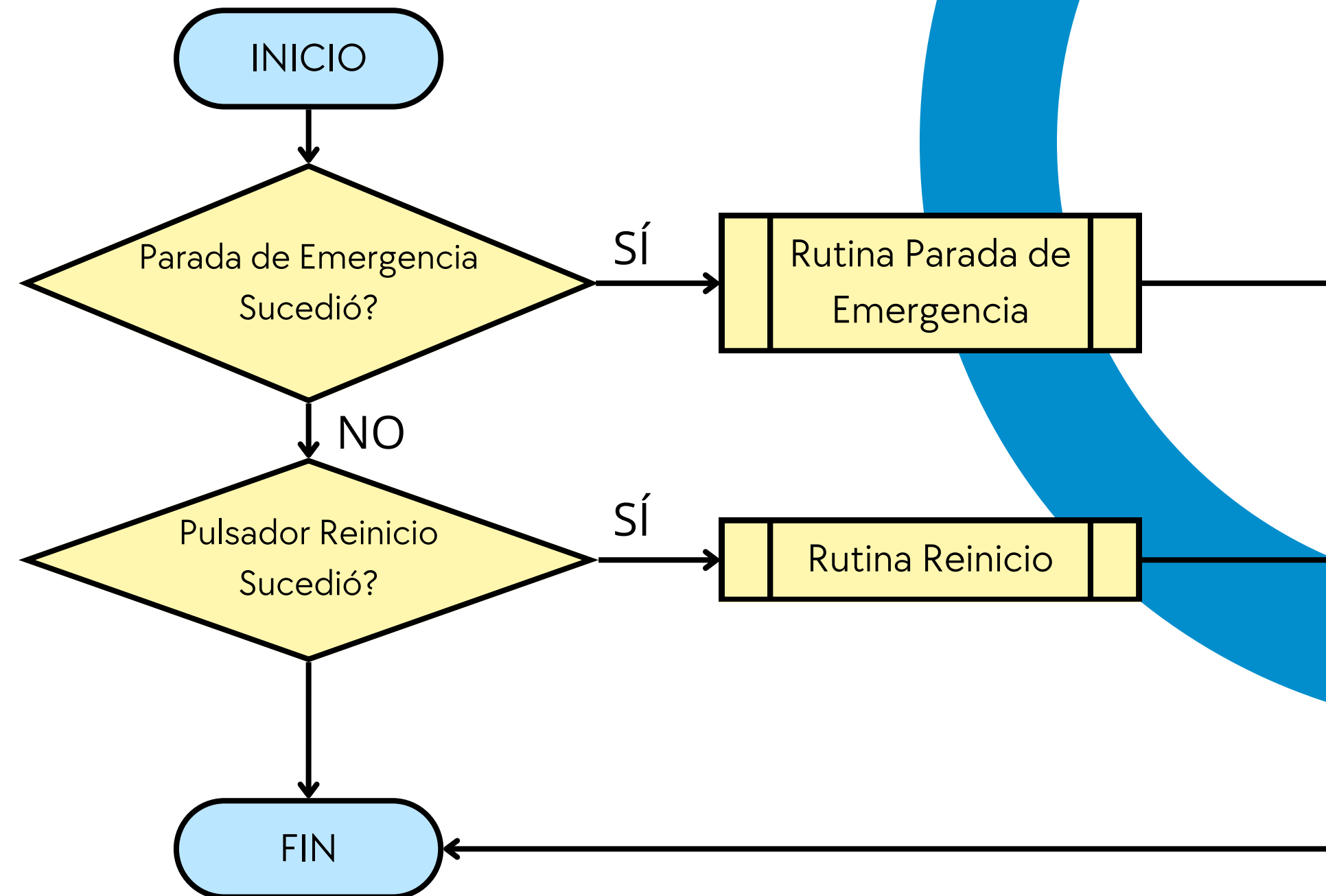


## Rutina de Principal



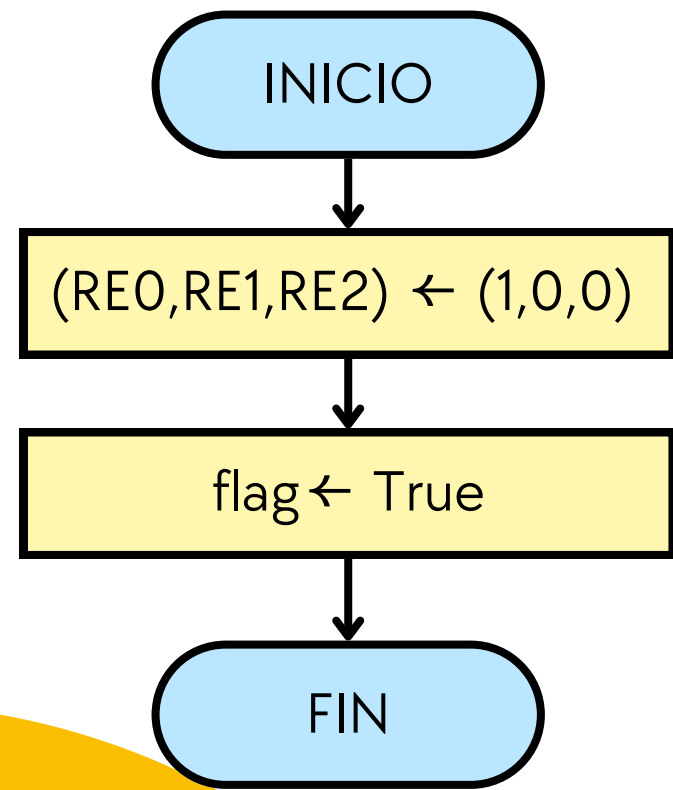
# DIAGRAMAS DE FLUJO

## Algoritmo Polling

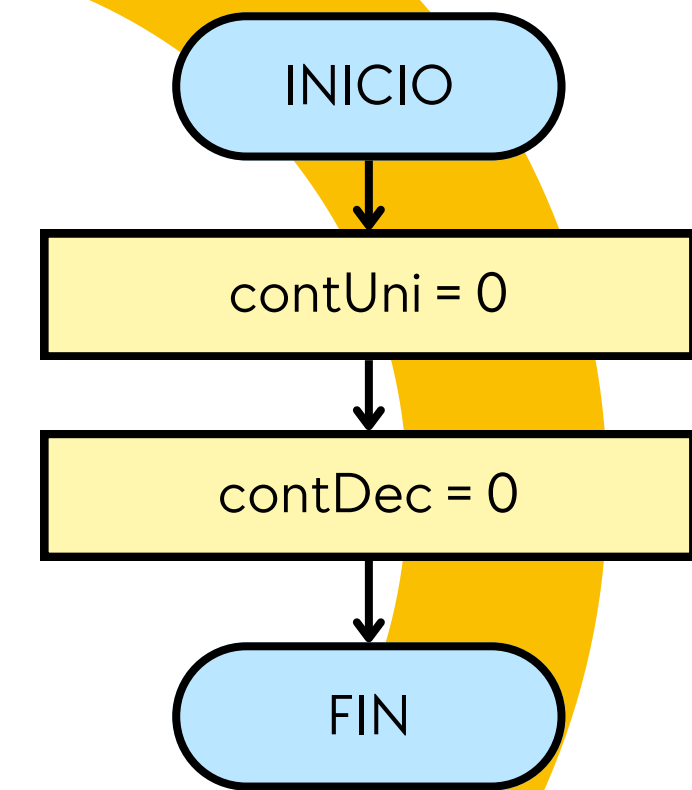


# DIAGRAMAS DE FLUJO

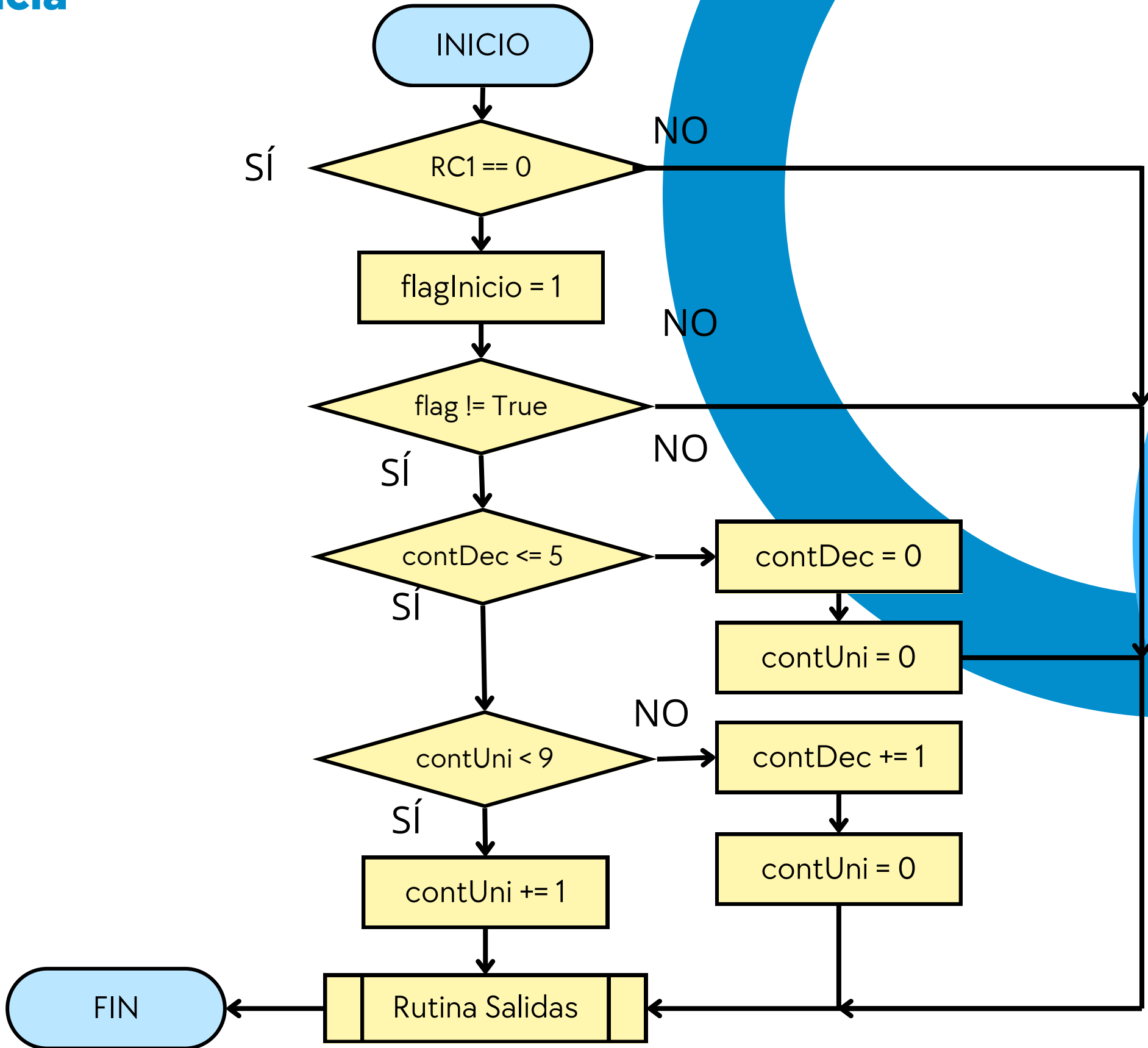
## Rutina de Parada de Emergencia



## Rutina de Reinicio

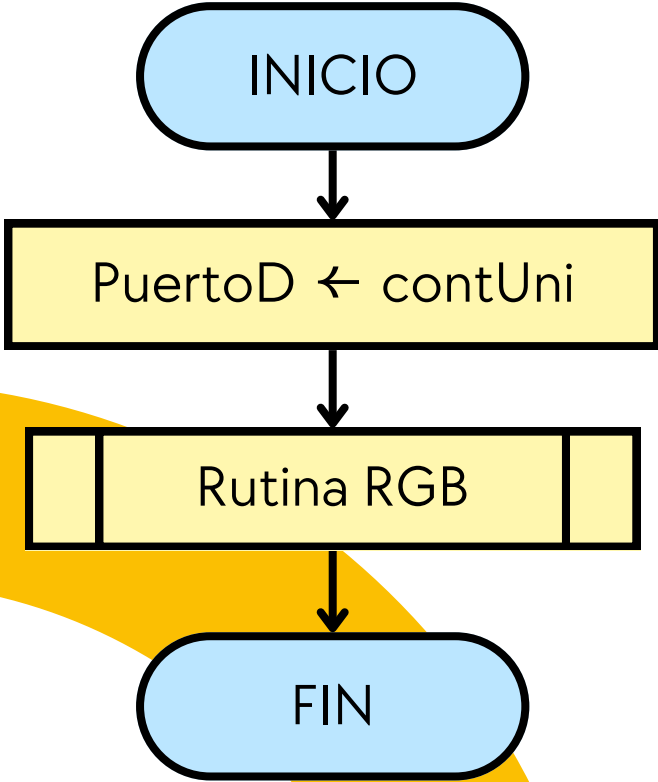


## Rutina Contador

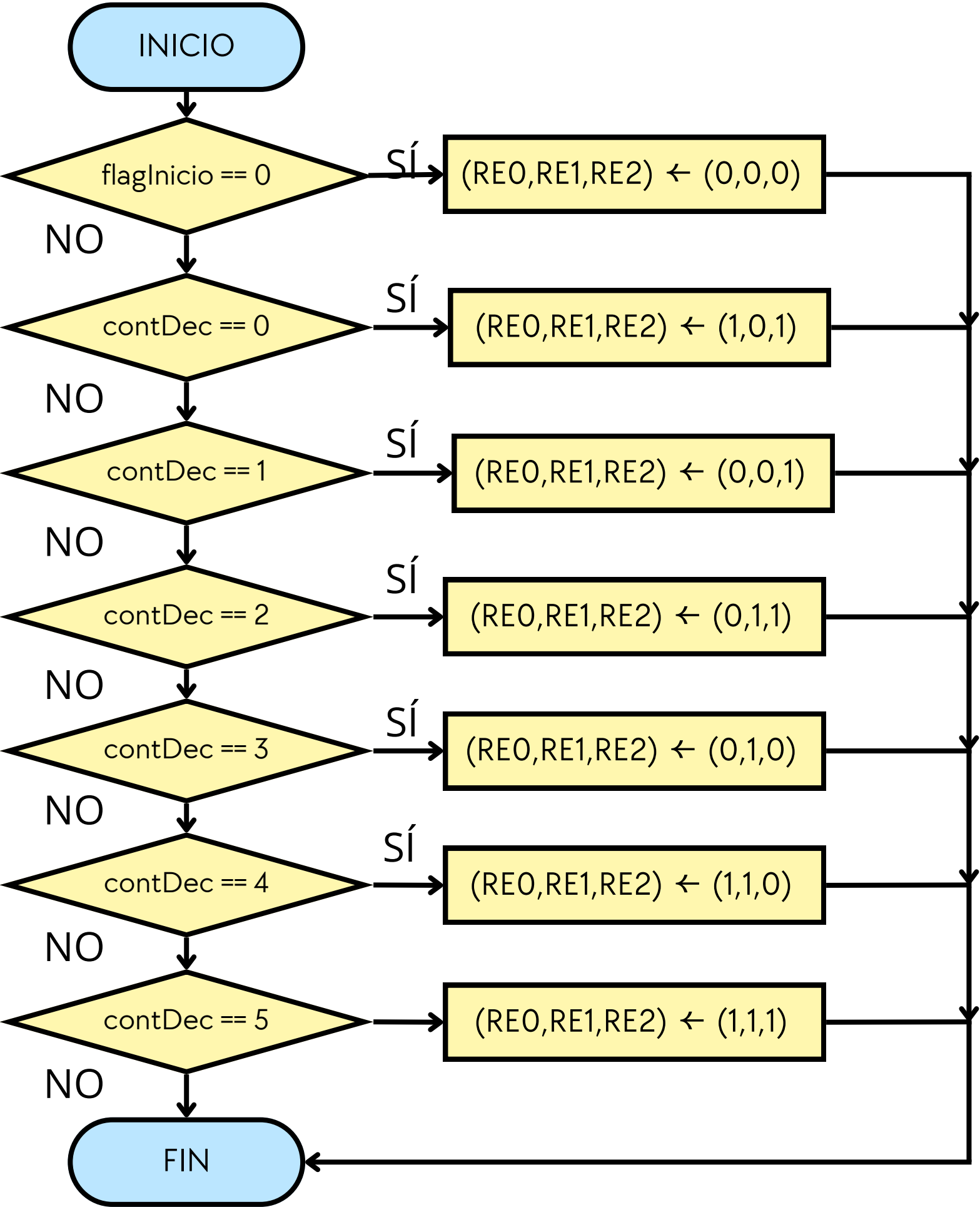


# DIAGRAMAS DE FLUJO

## Rutina Salidas

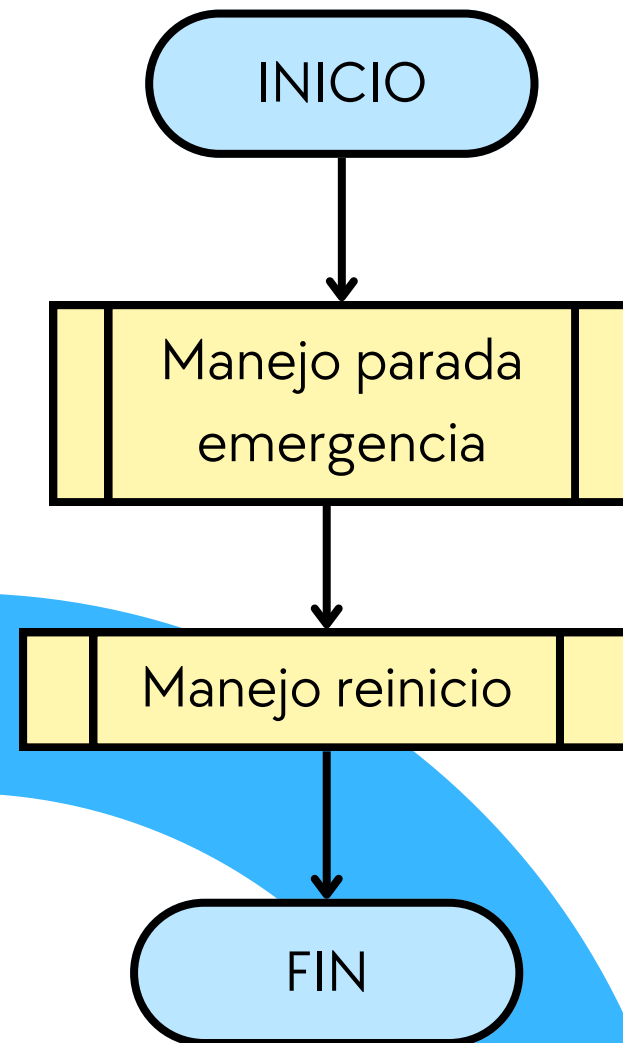


## Rutina de RGB

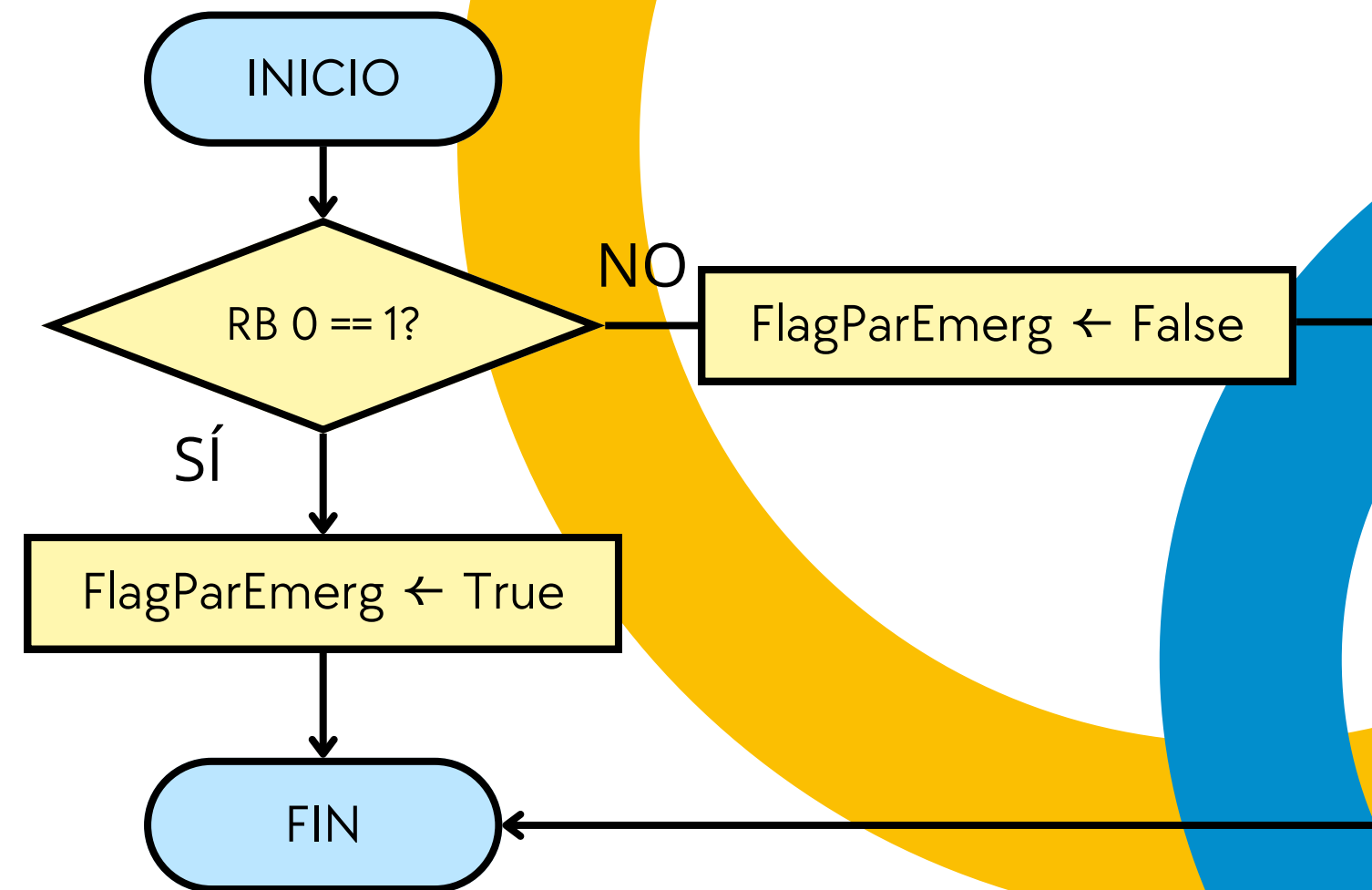


# DIAGRAMAS DE FLUJO

## Rutina de Manejo de Interrupciones

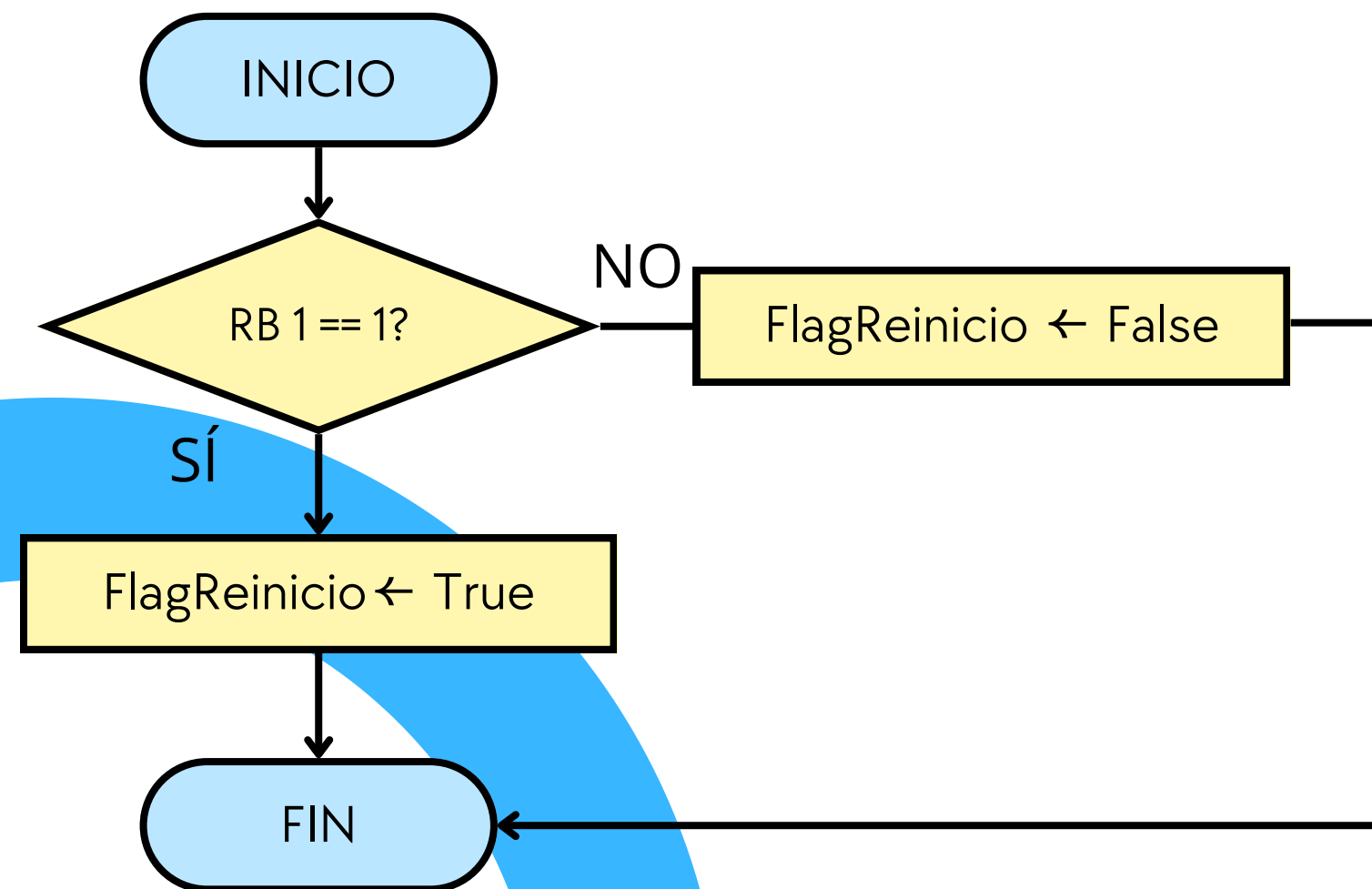


## Rutina de Manejo Parada Emergencia



# DIAGRAMAS DE FLUJO

## Rutina de Manejo Reinicio



# ESQUEMÁTICO DEL MONTAJE

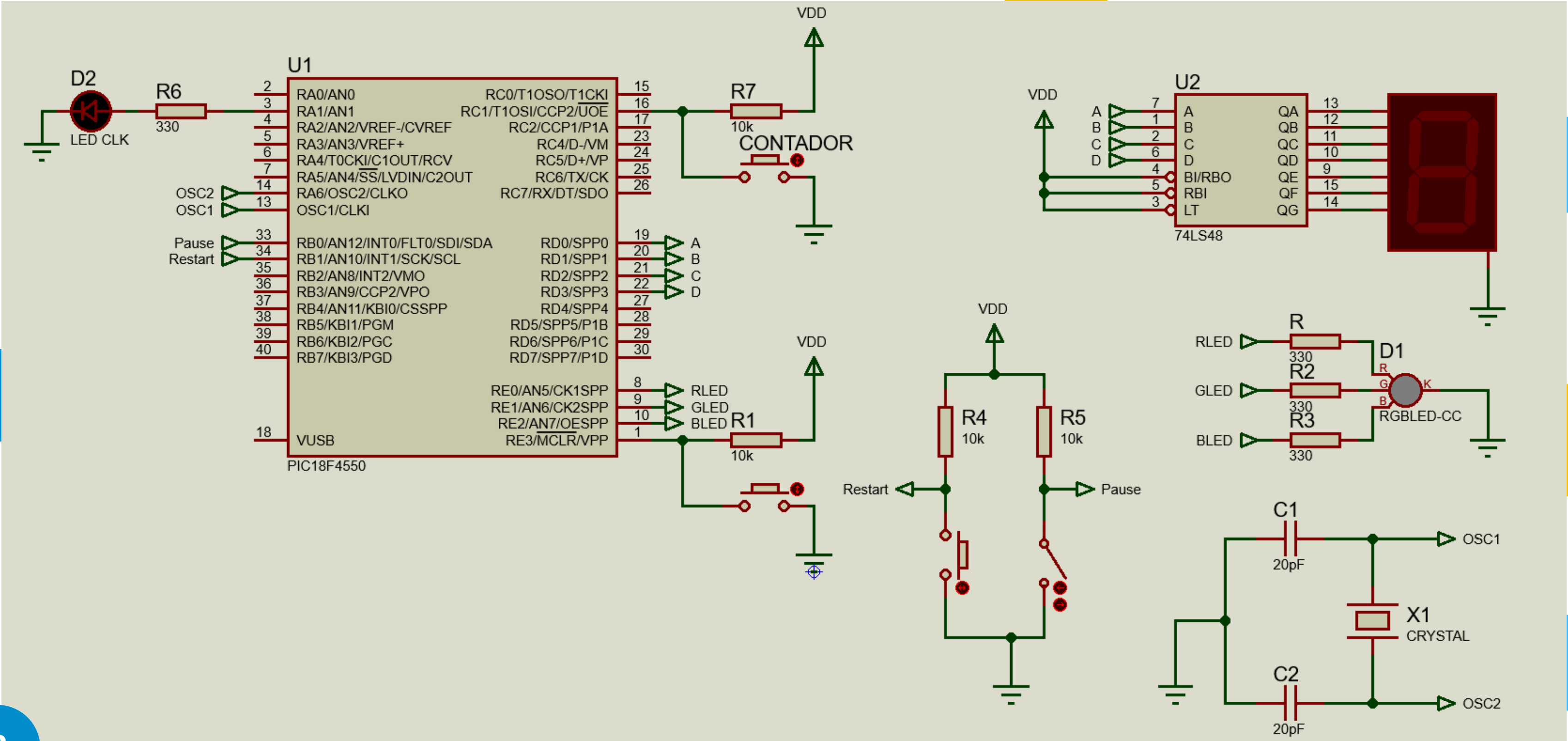


Fig 5. Esquemático del Circuito a montar



## FOTO DEL MONTAJE

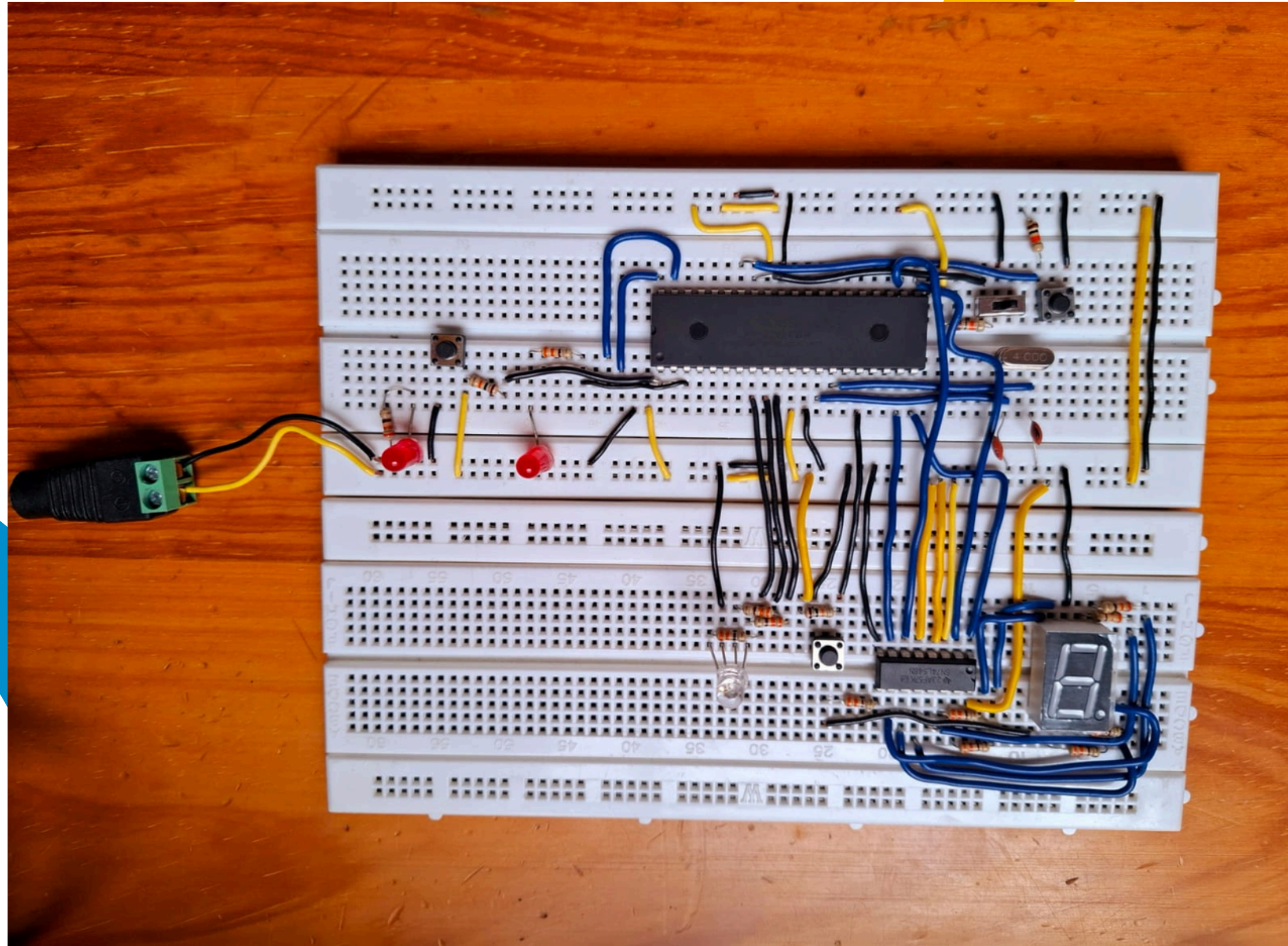
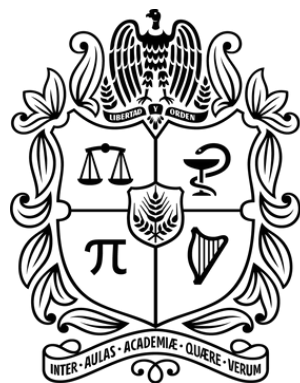


Fig 6. Foto del Circuito montado



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# GRACIAS