# Configurando o DMA

Microcontroladores

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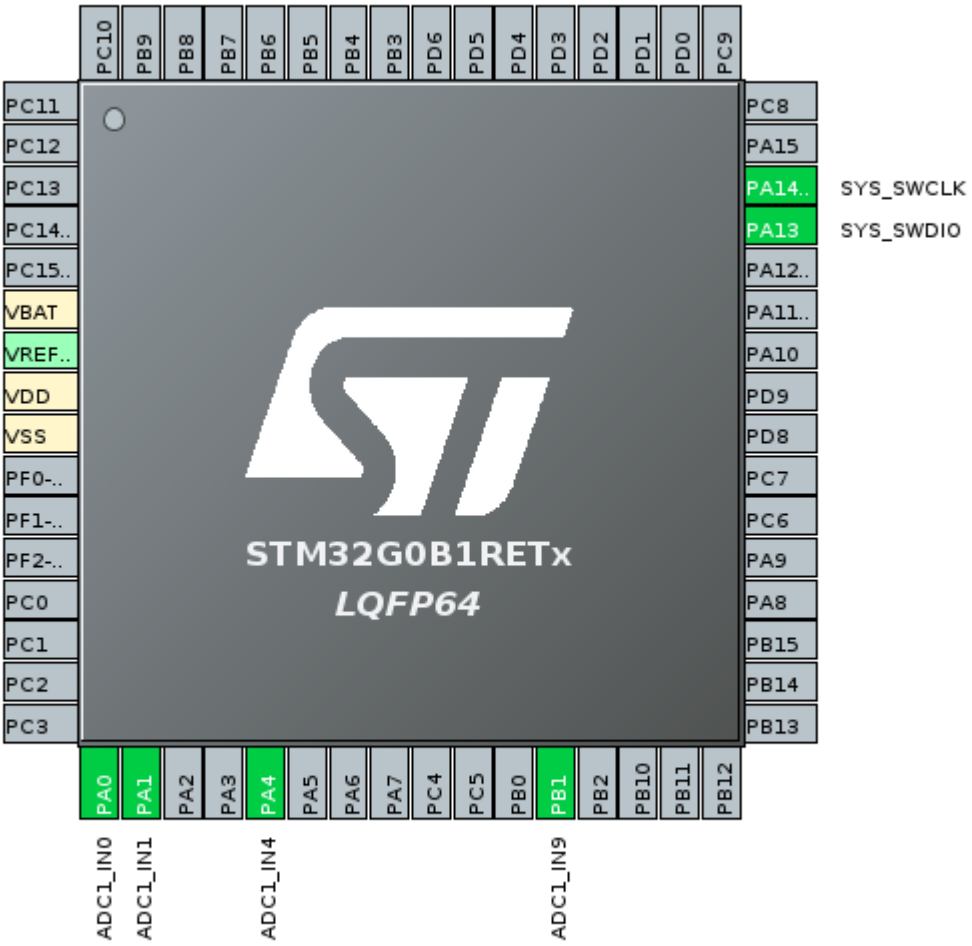
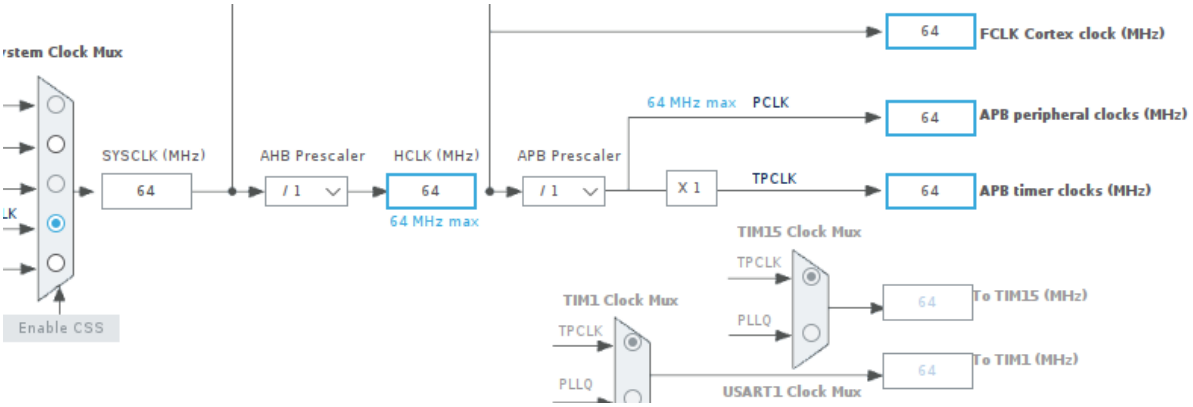
## Exemplo do professor - Pablo






main.c | conficuracao-dma.ioc

Pinout & Configuration | Clock Configuration | Software Packs | Pinout

Categories | A->Z

- System Core
- Analog
  - ADC1
  - COMP1
  - COMP2
  - COMP3
  - DAC1
- Timers
- Connectivity
- Multimedia
- Computing
- Middleware
- Utilities

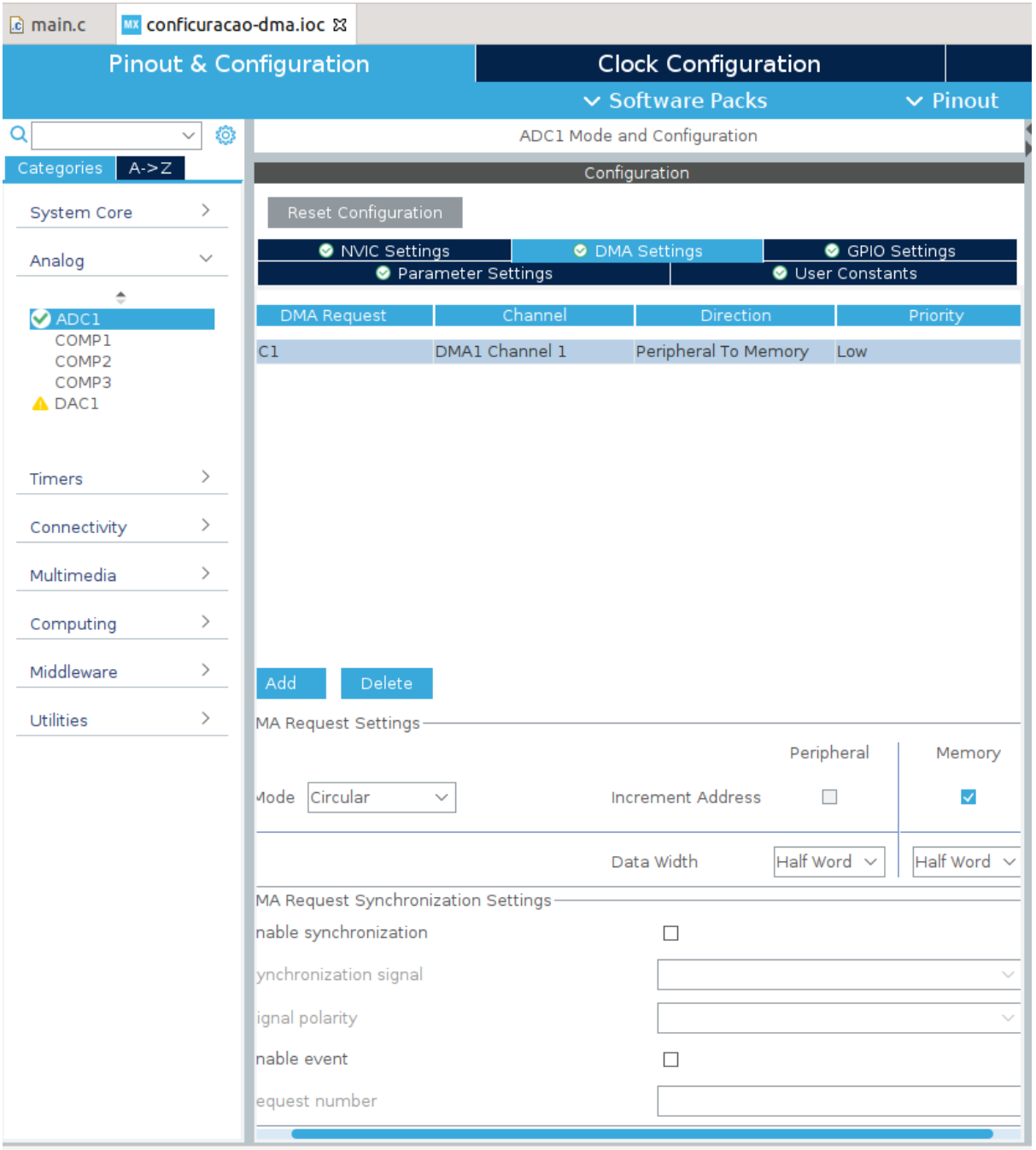
ADC1 Mode and Configuration

Configuration

Reset Configuration

NVIC Settings | DMA Settings | GPIO Settings | Parameter Settings | User Constants

| NVIC Interrupt Table | Enabl... | Preemption Prior... |
|---|---|---|
| DMA1 channel 1 interrupt | ☑ | 0 |
| ADC1, COMP1,COMP2, COMP3 Interrupts (combined with EXTI 17 &... | ☑ | 0 |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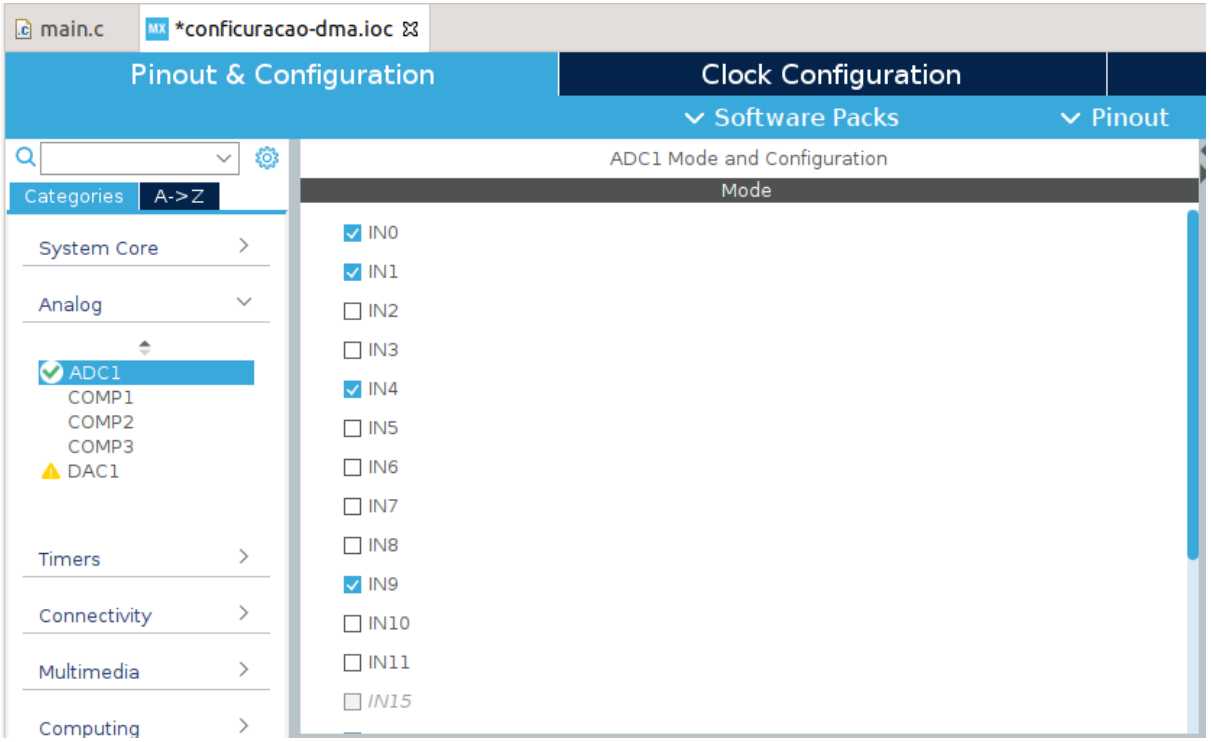
NVIC Settings
DMA Settings
GPIO Settings
Parameter Settings
User Constants
DMA Request
Channel
Direction
Priority
C1
DMA1 Channel 1
Peripheral To Memory
Low
Add
Delete
MA Request Settings
Peripheral
Memory
Mode
Circular
Increment Address
Data Width
Half Word
Half Word
MA Request Synchronization Settings
nable synchronization
ynchronization signal
ignal polarity
nable event
equest number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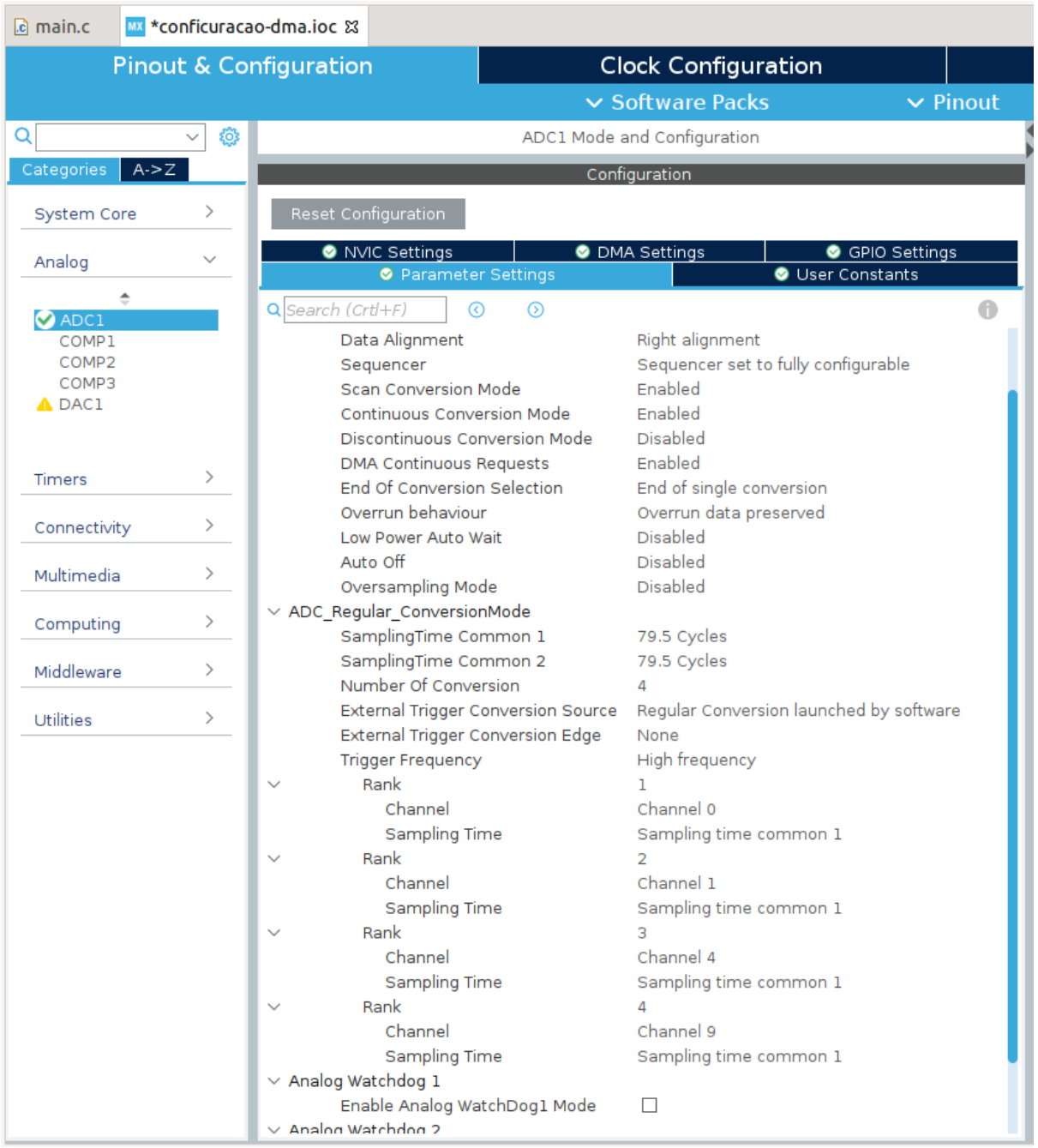
Mode
IN0
IN1
IN2
IN3
IN4
IN5
IN6
IN7
IN8
IN9
IN10
IN11
IN15




Faz a parada do ciclo (uma interrupção):