Embedded RTOS
Final Project

By

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1) Some Cube MX setup

2)

FREERTOS Mode and Configuration

Configuration

Reset Configuration

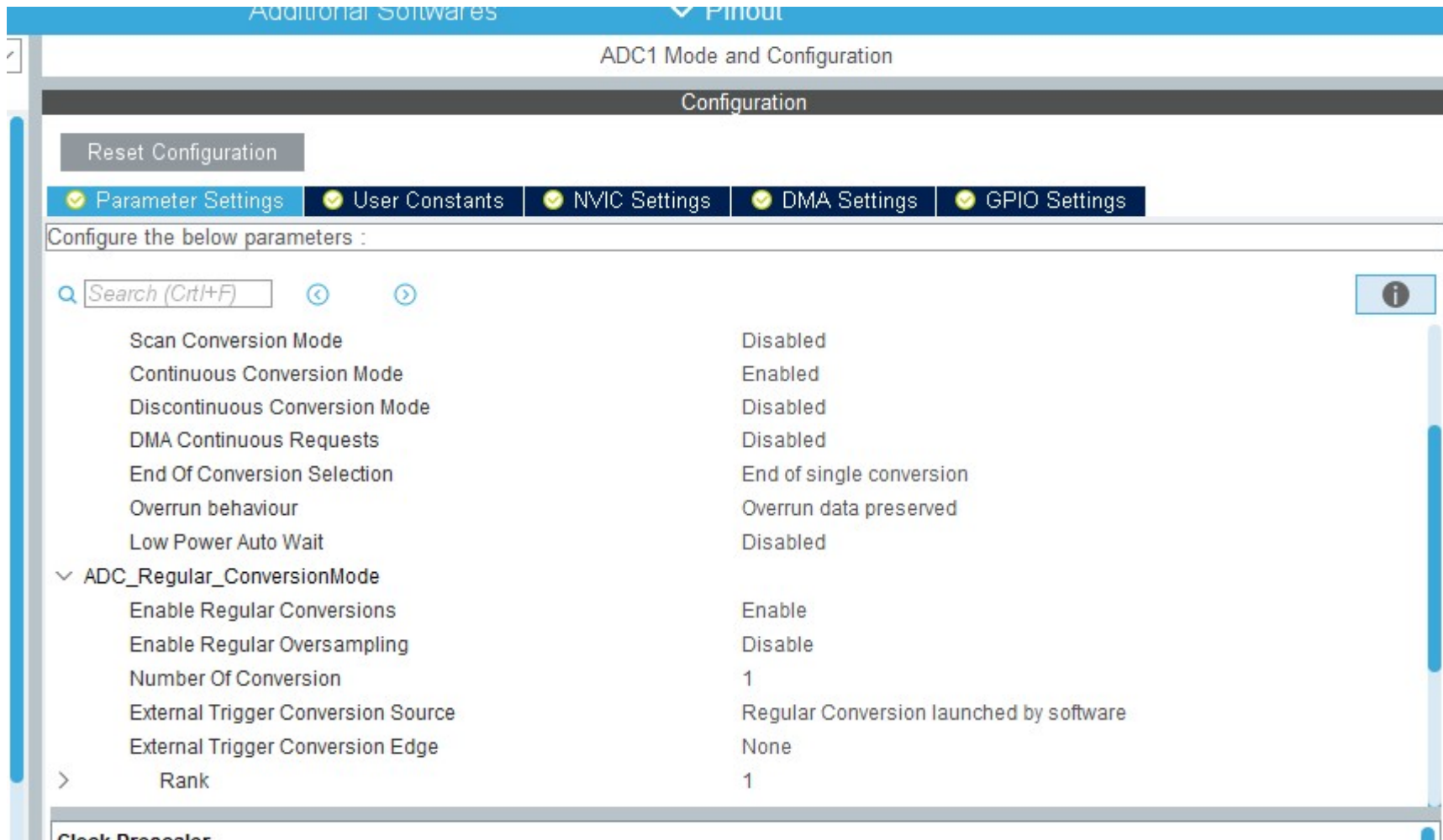| Tasks and Queues | Timers and Semaphores | Mutexes | FreeRTOS Heap Usage |
| Config parameters | Include parameters | | User Constants |

Tasks

Task Name	Priority	Stack Size (Wor...	Entry Function	Code Generatio...	Parameter	Allocation	Buffer Name	Control Block N...
comProcessor	osPriorityIdle	128	startComProce...	Default	NULL	Dynamic	NULL	NULL
checkADC	osPriorityNormal	128	startCheckADC	Default	NULL	Dynamic	NULL	NULL

Add   Delete

Queues

3)
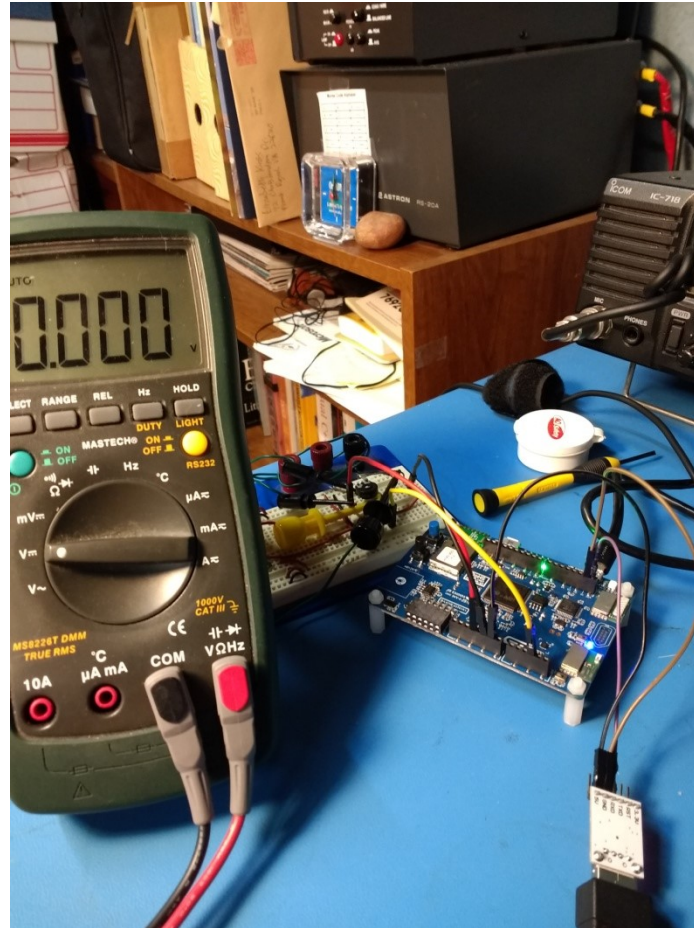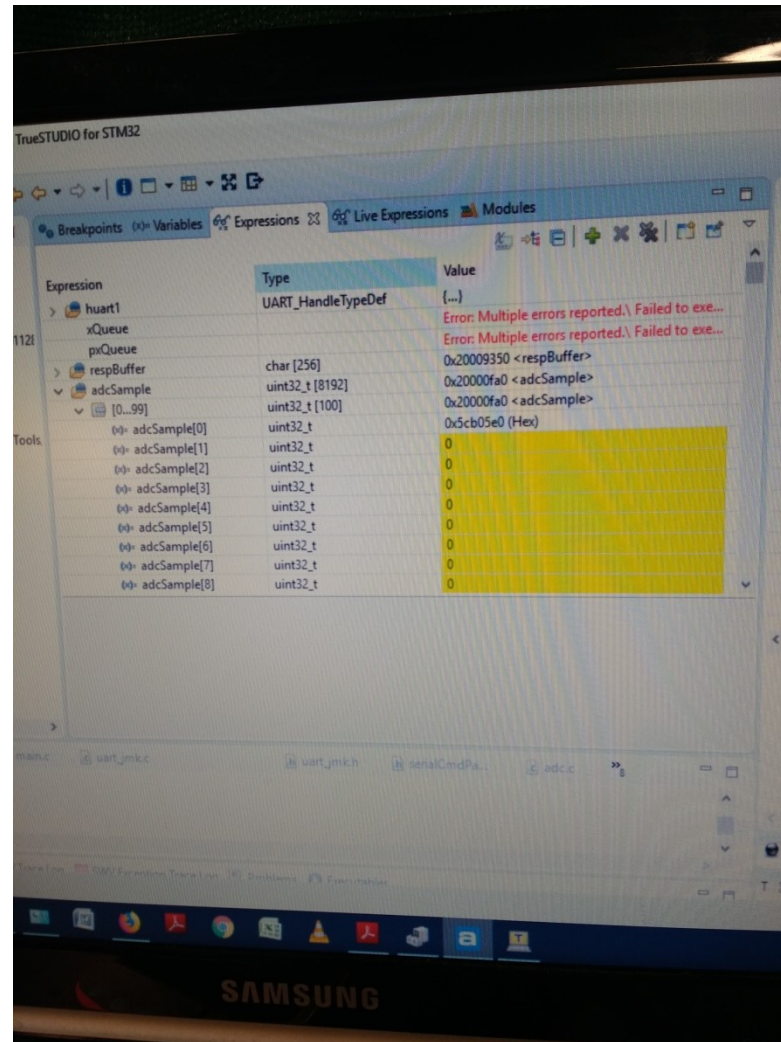
4)

5)

5)

Command requested: C[1]
OK, trigger the ADC !
ADC value read: 4007
One of 16384 samples in 0 Milliseconds.