Introduction to R705 Part 2
potes week 2

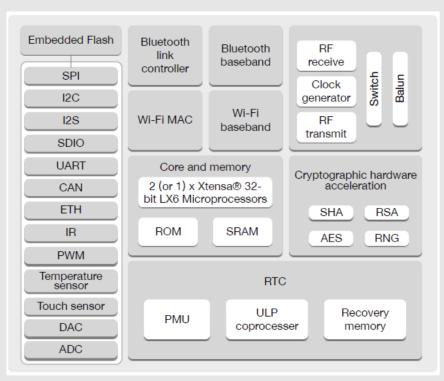
Download Free R705 source code to include in non-Ardvino project

(freertos org

ESP 32

Young modified version of Free KTOS inside its ESP-IDF Framework

- Symmetric Multiprocessing (SMP)



Function Block Diegram

- supported in Ardvino
- Getting started :
 - Install Ardaino IDE
 - File Preferences Additional Board Manager UPLs
 - add https: //dl. espressif.com/dl/package_esp32_index.json
 - Tools -> Board -> Board manager -> ESP32 Espressif systems package (most recent version) -install

Code:

- Define a constant that consticts ESP32 to using only 1 core when we create tasks
- Define LED pins
- tash
 - chunction returns nothing
 - accept I void pointer as parameter
 - ~ while loop
- Setyp
 - Contrat LED pin
 - call Tash Create function
 - Smallest stack size -768 bytes
 - L define CPU core

Tools -> Board -> ESP32 Advino Board - upload