**Clock**

* Sources
  + Crystal Oscillator (External to the MCU) (HSE) 8Mhz
  + The RC Oscillator (Internal to the MCU) (HSI)
  + The PLL (Phase Locked Loop) (Internal to the MCU)

**HSE Clock**

* HSE can be provided to the MCU via a crystal or external source (from another circuit or from another MCU)
* On the STM32-DISC board, HSE is 8MHz provided by on board crystal

**HSI Clock**

* Refer to the datasheet

**Peripheral Clock Configuration**

* In modern MCUs, before using any peripheral, you must enable its peripheral clock using peripheral clock registers.
* By default, peripheral clocks of all most all peripherals will be disabled to save power.
* A Peripheral won’t take or respond to your configuration values until you enable its peripheral clock.
* In STM32 microcontrollers, peripheral clocks are managed through RCC registers.