

RCC_TypeDef
+ CR
+ PLLCFGR
+ CFGR
+ CIR
+ AHB1RSTR
+ AHB2RSTR
+ AHB3RSTR
+ RESERVED0
+ APB1RSTR
+ APB2RSTR
and 22 more...

RCC_Config_t
+ clock_source
+ bus
+ prescaler

GPIO_TypeDef
+ MODER
+ OTYPER
+ OSPEEDR
+ PUPDR
+ IDR
+ ODR
+ BSRR
+ LCKR
+ AFR

GPIO_PinConfig_t
+ Pin
+ Mode
+ OType
+ PullUpDown
+ OutputSpeed
+ AlternateFunction

I2C_TypeDef
+ CR1
+ CR2
+ OAR1
+ OAR2
+ DR
+ SR1
+ SR2
+ CCR
+ TRISE
+ FLTR

I2C_PinConfig_t
+ I2C_SCLSpeed
+ I2C_DeviceAddress
+ I2C_AckControl
+ I2C_FMDutyCycle

RCC_Handle_t

GPIO_Handle_t

I2C_Handle_t

