Microcontroller 1					Microcontroller 2				
Depends on						Depends on			
APP	PB	LED	DC	Comms	APP	PB	LED	Buzzer	Comms
PB	RCC	GPIO	NVIC	EXTI	PB	RCC	GPIO	NVIC	EXTI
LED	RCC	GPIO			LED	RCC	GPIO		
DC	RCC	GPIO			Buzzer	RCC	GPIO		
Comms	RCC	GPIO	USART		Comms	RCC	GPIO	USART	