Table 1

	Discovery	SPI1	SPI2	SPI3	SPI4	SPI5	SPI6	Notes
PA0	Button 1							
PA1								
PA2								
PA3								
PA4	vsync	SPI1_NSS		SPI3_NSS				
PA5		SPI1_SCK						
PA6	DB6/G2	SPI1_MISO						
PA7	ACP_RST	SPI1_MOSI						
PA8								
PA9	USART1 TX							
PA10								SPI group C slave select
PA11								
PA12								
PA13								
PA14								
PA15	Touch Panel Int	SPI1_NSS		SPI3_NSS				
PB0								
PB1								
PB2								
PB3	System SWO	SPI1_SCK		SPI3_SCK				
PB4		SPI1_MISO		SPI3_MISO				
PB5	SDRAM SDCKE1	SPI1_MOSI		SPI3_MOSI				
PB6								
PB7								SPI group A slave select
PB8								
PB9	DB5/B7		SPI2_NSS					
PB10	DB8/G4		SPI2_SCK					
PB11								
PB12	USB ID		SPI2_NSS					
PB13	USB VBUS		SPI2_SCK					
PB14	USB DM		SPI2_MISO					
PB15	USB DP		SPI2_MOSI					
PC0								
PC1								Hold high to disable SPI on L3GD20 MEMS.
PC2	LCD CSX		SPI2_MISO					Hold high to disable SPI on LCD.
PC3			SPI2_MOSI					
PC4								
PC5								
PC6								
PC7								
PC8								SPI group D slave select
	Discovery	SPI1	SPI2	SPI3	SPI4	SPI5	SPI6	Notes

	Discovery	SPI1	SPI2	SPI3	SPI4	SPI5	SPI6	Notes
PC9								
PC10	DB12/R2			SPI3_SCK				
PC11				SPI3_MISO				
PC12				SPI3_MOSI				
PC13								SPI group B slave select
PC14								
PC15								
PD0								
PD1								
PD2								
PD3	DB11/G7		SPI2_SCK					
PD4								
PD5								
PD6	DB0/B2		SPI3_MOSI					
PD7								
PD8								
PD9								
PD10								
PD11								
PD12								
PD13								
PD14								
PD15								
PE0								
PE1								
PE2					SPI4_SCK			
PE3								
PE4					SPI4_NSS			
PE5					SPI4_MISO			
PE6					SPI4_MOSI			
PE7								
PE8								
PE9								
PE10								
PE11	D8				SPI4_NSS			
PE12	D9				SPI4_SCK			
PE13	D10				SPI4_MISO			
PE14	D11				SPI4_MOSI			
PE15								
PF0								
PF1								
PF2								
PF3								
PF4								
PF5								

	Discovery	SPI1	SPI2	SPI3	SPI4	SPI5	SPI6	Notes
PF6						SPI5_NSS		SPI group
PF7	DCX/LCD-SCL/L3G SCK				3	SPI5_SCK		
PF8	L3G MISO					SPI5_MISO		
PF9	L3G MOSI					SPI5_MOSI		
PF10								
PF11	SDNRAS					SPI5_MOSI		
PF12								
PF13								
PF14								
PF15								
PG0								
PG1								
PG2								
PG3								
PG4								
PG5								
PG6								
PG7								
PG8	SDRAM SDCLK						SPI6_NSS	
PG9								
PG10								
PG11								
PG12	DB2/B4						SPI6_MISO	
PG13	LED Green						SPI6_SCK	
PG14	LED Red						SPI6_MOSI	
PG15								
PH0								
PH1								
PH2								
PH3								
PH4								
PH5						SPI5_NSS		
PH6						SPI5_SCK		
PH7						SPI5_MISO		
PH8								
PH9								
PH10								
PH11								
PH12								
PH13								
PH14								
PH15								
PI0			SPI2_NSS					

	Discovery	SPI1	SPI2	SPI3	SPI4	SPI5	SPI6	Notes
PI1			SPI2_SCK					
PI2			SPI2_MISO					
PI3			SPI2_MOSI					
PI4								
PI5								
PI6								
PI7								
PI8								
PI9								
PI10								
PI11								
PI12								
PI13								
PI14								
PI15								
PJ0								
PJ1								
PJ2								
PJ3								
PJ4								
PJ5								
PJ6								
PJ7								
PJ8								
PJ9								
PJ10								
PJ11								
PJ12								
PJ13								
PJ14								
PJ15								
PK0								
PK1								
PK2								
PK3								
PK4								
PK5								
PK6								
PK7								