

Table 13. Alternate function

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15	
	I2C4/ SYS_AF	LPTIM1/ TIM2/5/ 15/16/17	I2C1/3/ TIM1/2/3/4/5/8/ 20/15/ COMP1	QUADSPI1/ I2C3/4/SAI1/US B/HRTIM1/ TIM8/20/15/ COMP3	I2C1/2/3/ 4/TIM1/8/ 16/17	QUADSPI1/ SPI1/2/3/4/ I2S2/3/I2C4/ UART4/5/ TIM8/ Infrared	QUADSPI1/ SPI2/3/I2S2/ 3/TIM1/5/8/ 20/Infrared	USART1/2/3/ FDCAN/CO MP7/5/6	I2C3/4/UAR T4/5/LPUA RT1/COMP 1/2/7/4/5/6/ 3	FDCAN1/T IM1/8/15/ FDCAN1/2/ 3	QUADSPI1/ TIM2/3/4/8/1/ 7	LPTIM1/ TIM2/3/4/8/1/ 7	FMC/LPUART1/ /SAI1/HRTIM1/ TIM1	SAI1SAI1/HR TIM1/OPAMP 2	UART4/5/ SAI1/TIM 2/15/ UCPD1	EVENT	
Port A	PA0	-	TIM2_CH1	TIM5_CH1	-	-	-	-	USART2_ CTS	COMP1_ OUT	TIM8_ BKIN	TIM8_ETR	-	-	-	TIM2_ ETR	EVENT OUT
	PA1	RTC_ REFIN	TIM2_CH2	TIM5_CH2	-	-	-	-	USART2_ RTS_DE	-	TIM15_ CH1N	-	-	-	-	-	EVENT OUT
	PA2	-	TIM2_CH3	TIM5_CH3	-	-	-	-	USART2_ TX	COMP2_ OUT	TIM15_ CH1	QUADSPI1_ BK1_NCS	-	LPUART1_TX	-	UCPD1_ FRSTX	EVENT OUT
	PA3	-	TIM2_CH4	TIM5_CH4	SAI1_CK1	-	-	-	USART2_ RX	-	TIM15_ CH2	QUADSPI1_ CLK	-	LPUART1_RX	SAI1_MCLK_ A	-	EVENT OUT
	PA4	-	-	TIM3_CH2	-	-	SPI1_NSS	SPI3_NSS/ I2S3_WS	USART2_ CK	-	-	-	-	-	SAI1_FS_B	-	EVENT OUT
	PA5	-	TIM2_CH1	TIM2_ETR	-	-	SPI1_SCK	-	-	-	-	-	-	-	-	UCPD1_ FRSTX	EVENT OUT
	PA6	-	TIM16_CH1	TIM3_CH1	-	TIM8_ BKIN	SPI1_MISO	TIM1_BKIN	-	COMP1_ OUT	-	QUADSPI1_ BK1_IO3	-	LPUART1_ CTS	-	-	EVENT OUT
	PA7	-	TIM17_CH1	TIM3_CH2	-	TIM8_ CH1N	SPI1_MOSI	TIM1_CH1N	-	COMP2_ OUT	-	QUADSPI1_ BK1_IO2	-	-	-	UCPD1_ FRSTX	EVENT OUT
	PA8	MCO	-	I2C3_SCL	-	I2C2_ SDA	I2S2_MCK	TIM1_CH1	USART1_ CK	COMP7_ OUT	-	TIM4_ETR	FDCAN3_ RX	SAI1_CK2	HRTIM1_ CHA1	SAI1_SC_ K_A	EVENT OUT
	PA9	-	-	I2C3_SMBA	-	I2C2_ SCL	I2S3_MCK	TIM1_CH2	USART1_ TX	COMP5_ OUT	TIM15_ BKIN	TIM2_CH3	-	-	HRTIM1_ CHA2	SAI1_FS_ A	EVENT OUT
	PA10	-	TIM17_BKIN	-	USB_CRS_SYNC	I2C2_ SMBA	SPI2_MISO	TIM1_CH3	USART1_ RX	COMP6_ OUT	-	TIM2_CH4	TIM8_ BKIN	SAI1_D1	HRTIM1_ CHB1	SAI1_SD_ A	EVENT OUT
	PA11	-	-	-	-	-	SPI2_MOSI/ I2S2_SD	TIM1_ CH1N	USART1_ CTS	COMP1_ OUT	FDCAN1_ RX	TIM4_CH1	TIM1_CH4	TIM1_BKIN2	HRTIM1_ CHB2	-	EVENT OUT
	PA12	-	TIM16_CH1	-	-	-	I2SCKIN	TIM1_ CH2N	USART1_ RTS_DE	COMP2_ OUT	FDCAN1_ TX	TIM4_CH2	TIM1_ ETR	-	HRTIM1_ FLT1	-	EVENT OUT
	PA13	SWDIO- JTMS	TIM16_CH1N	-	I2C4_SCL	I2C1_ SCL	IR_OUT	-	USART3_ CTS	-	-	TIM4_CH3	-	-	SAI1_SD_B	-	EVENT OUT
	PA14	SWCLK- JTCK	LPTIM1_OUT	-	I2C4_SMBA	I2C1_ SDA	TIM8_CH2	TIM1_ BKIN	USART2_ TX	-	-	-	-	-	SAI1_FS_B	-	EVENT OUT
	PA15	JTDI	TIM2_CH1	TIM8_CH1	-	I2C1_ SCL	SPI1_NSS	SPI3_NSS/ I2S3_WS	USART2_ RX	UART4_ RTS_DE	TIM1_ BKIN	-	FDCAN3_ TX	-	HRTIM1_ FLT2	TIM2_ ETR	EVENT OUT



Table 13. Alternate function (continued)

STM32G474xB STM32G474xC STM32G474xE

Pinouts and pin description

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15	
	I2C4/ SYS_AF	LPTIM1/ TIM2/5/ 15/16/17	I2C1/3/ TIM1/2/3/4/5/8/ 20/15/ COMP1	QUADSPI1/ I2C3/4/SAI1/US B/HRTIM1/ TIM8/20/15/ COMP3	I2C1/2/3/ 4/TIM1/8/ 16/17	QUADSPI1/ SPI1/2/3/4/ I2S2/3/I2C4/ UART4/5/ TIM8/ Infrared	USART1/2/3/ FDCAN/CO MP7/5/6	I2C3/4/UAR T4/5/LPUA RT1/COMP 1/2/7/4/5/6/ 3	FDCAN/T IM1/8/5/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1 7	LPTIM1/ TIM2/3/4/8/1 7	FMC/LPUART1/ SAI1/HRTIM1/ TIM1	SAI1SAI1/HR TIM1/OPAMP 2	UART4/5/ SAI1/TIM 2/15/ UCPD1	EVENT		
Port B	PB0	-	-	TIM3_CH3	-	TIM8_CH2N	-	TIM1_CH2N	-	-	-	QUADSPI1_BK1_IO1	-	-	HRTIM1_FLT5	UCPD1_FRSTX	EVENT OUT
	PB1	-	-	TIM3_CH4	-	TIM8_CH3N	-	TIM1_CH3N	-	COMP4_OUT	-	QUADSPI1_BK1_IO0	-	LPUART1_RTS_DE	HRTIM1_SCOUT	-	EVENT OUT
	PB2	RTC_OUT2	LPTIM1_OUT	TIM5_CH1	TIM20_CH1	I2C3_SMBA	-	-	-	-	-	QUADSPI1_BK2_IO1	-	-	HRTIM1_SCIN	-	EVENT OUT
	PB3	JTDO- TRACESWO	TIM2_CH2	TIM4_ETR	USB_CRS_SYNC	TIM8_CH1N	SPI1_SCK	SPI3_SCK/ I2S3_CK	USART2_TX	-	-	TIM3_ETR	FDCAN3_RX	HRTIM1_SCOUT	HRTIM1_EEV9	SAI1_SCK_B	EVENT OUT
	PB4	JTRST	TIM16_CH1	TIM3_CH1	-	TIM8_CH2N	SPI1_MISO	SPI3_MISO	USART2_RX	UART5_RTS_DE	-	TIM17_BKIN	FDCAN3_TX	-	HRTIM1_EEV7	SAI1_MCLK_B	EVENT OUT
	PB5	-	TIM16_BKIN	TIM3_CH2	TIM8_CH3N	I2C1_SMBA	SPI1_MOSI	SPI3_MOSI/ I2S3_SD	USART2_CK	I2C3_SDA	FDCAN2_RX	TIM17_CH1	LPTIM1_IN1	SAI1_SD_B	HRTIM1_EEV6	UART5_CTS	EVENT OUT
	PB6	-	TIM16_CH1N	TIM4_CH1	-	-	TIM8_CH1	TIM8_ETR	USART1_TX	COMP4_OUT	FDCAN2_TX	TIM8_BKIN2	LPTIM1_ETR	HRTIM1_SCIN	HRTIM1_EEV4	SAI1_FS_B	EVENT OUT
	PB7	-	TIM17_CH1N	TIM4_CH2	I2C4_SDA	I2C1_SDA	TIM8_BKIN	-	USART1_RX	COMP3_OUT	-	TIM3_CH4	LPTIM1_IN2	FMC_NL	HRTIM1_EEV3	UART4_CTS	EVENT OUT
	PB8	-	TIM16_CH1	TIM4_CH3	SAI1_CK1	I2C1_SCL	-	-	USART3_RX	COMP1_OUT	FDCAN1_RX	TIM8_CH2	-	TIM1_BKIN	HRTIM1_EEV8	SAI1_MCLK_A	EVENT OUT
	PB9	-	TIM17_CH1	TIM4_CH4	SAI1_D2	I2C1_SDA	-	IR_OUT	USART3_TX	COMP2_OUT	FDCAN1_TX	TIM8_CH3	-	TIM1_CH3N	HRTIM1_EEV5	SAI1_FS_A	EVENT OUT
	PB10	-	TIM2_CH3	-	-	-	-	-	USART3_TX	LPUART1_RX	-	QUADSPI1_CLK	-	TIM1_BKIN	HRTIM1_FLT3	SAI1_SC_K_A	EVENT OUT
	PB11	-	TIM2_CH4	-	-	-	-	-	USART3_RX	LPUART1_TX	-	QUADSPI1_BK1_NCS	-	-	HRTIM1_FLT4	-	EVENT OUT
	PB12	-	-	TIM5_ETR	-	I2C2_SMBA	SPI2 NSS/ I2S2_WS	TIM1_BKIN	USART3_CK	LPUART1_RTS_DE	FDCAN2_RX	-	-	-	HRTIM1_CHC1	-	EVENT OUT
	PB13	-	-	-	-	-	SPI2_SCK/ I2S2_CK	TIM1_CH1N	USART3_CTS	LPUART1_CTS	FDCAN2_TX	-	-	-	HRTIM1_CHC2	-	EVENT OUT
	PB14	-	TIM15_CH1	-	-	-	SPI2_MISO	TIM1_CH2N	USART3_RTS_DE	COMP4_OUT	-	-	-	-	HRTIM1_CHD1	-	EVENT OUT
	PB15	RTC_REFIN	TIM15_CH2	TIM15_CH1N	COMP3_OUT	TIM1_CH3N	SPI2_MOSI/ I2S2_SD	-	-	-	-	-	-	-	HRTIM1_CHD2	-	EVENT OUT

Table 13. Alternate function (continued)

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15	
Port C	I2C4/ SYS_AF	LPTIM1/ TIM2/5/ 15/16/17	I2C1/3/ I2C3/4/SAI1/US B/HRTIM1/ TIM8/20/15/ COMP3	QUADSPI1/ I2C1/2/3/4/ I2S2/3/I2C4/ UART4/5/ TIM8/ Infrared	I2C1/2/3/ 4/TIM1/8/ 16/17	QUADSPI1/ SPI1/2/3/4/ I2S2/3/I2C4/ UART4/5/ 20/Infrared	USART1/2/3/ FDCAN/CO MP7/5/6	I2C3/4/UAR T4/5/LPUA RT1/COMP 1/2/7/4/5/6/ 3	FDCAN/T IM1/8/5/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1 7	LPTIM1/ TIM2/3/4/8/1 7	FMC/LPUART1/ SAI1/HRTIM1/ TIM1	SAI1SAI1/HR TIM1/OPAMP 2	UART4/5/ SAI1/TIM 2/15/ UCPD1	EVENT		
	PC0	-	LPTIM1_IN1	TIM1_CH1	-	-	-	-	LPUART1_RX	-	-	-	-	-	-	EVENT OUT	
	PC1	-	LPTIM1_OUT	TIM1_CH2	-	-	-	-	LPUART1_TX	-	QUADSPI1_BK2_IO0	-	-	SAI1_SD_A	-	EVENT OUT	
	PC2	-	LPTIM1_IN2	TIM1_CH3	COMP3_OUT	-	-	TIM20_CH2	-	-	QUADSPI1_BK2_IO1	-	-	-	-	EVENT OUT	
	PC3	-	LPTIM1_ETR	TIM1_CH4	SAI1_D1	-	-	TIM1_BKIN2	-	-	QUADSPI1_BK2_IO2	-	-	SAI1_SD_A	-	EVENT OUT	
	PC4	-	-	TIM1_ETR	-	I2C2_SCL	-	-	USART1_TX	-	QUADSPI1_BK2_IO3	-	-	-	-	EVENT OUT	
	PC5	-	-	TIM15_BKIN	SAI1_D3	-	-	TIM1_CH4N	USART1_RX	-	-	-	-	HRTIM1_EEV10	-	EVENT OUT	
	PC6	-	-	TIM3_CH1	HRTIM1_EEV10	TIM8_CH1	-	I2S2_MCK	COMP6_OUT	I2C4_SCL	-	-	-	-	HRTIM1_CHF1	-	EVENT OUT
	PC7	-	-	TIM3_CH2	HRTIM1_FLT5	TIM8_CH2	-	I2S3_MCK	COMP5_OUT	I2C4_SDA	-	-	-	-	HRTIM1_CHF2	-	EVENT OUT
	PC8	-	-	TIM3_CH3	HRTIM1_CHE1	TIM8_CH3	-	TIM20_CH3	COMP7_OUT	I2C3_SCL	-	-	-	-	-	-	EVENT OUT
	PC9	-	-	TIM3_CH4	HRTIM1_CHE2	TIM8_CH4	I2SCKIN	TIM8_BKIN2	-	I2C3_SDA	-	-	-	-	-	-	EVENT OUT
	PC10	-	-	-	-	TIM8_CH1N	UART4_TX	SPI3_SCK/I2S3_CK	USART3_TX	-	-	-	-	-	HRTIM1_FLT6	-	EVENT OUT
	PC11	-	-	-	HRTIM1_EEV2	TIM8_CH2N	UART4_RX	SPI3_MISO	USART3_RX	I2C3_SDA	-	-	-	-	-	-	EVENT OUT
	PC12	-	TIM5_CH2	-	HRTIM1_EEV1	TIM8_CH3N	UART5_TX	SPI3_MOSI/I2S3_SD	USART3_CK	-	-	-	-	-	UCPD1_FRSTX	EVENT OUT	
	PC13	-	-	TIM1_BKIN	-	TIM1_CH1N	-	TIM8_CH4N	-	-	-	-	-	-	-	-	EVENT OUT
	PC14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	EVENT OUT
	PC15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	EVENT OUT

Pinouts and pin description

STM32G474xB STM32G474xC STM32G474xE

Table 13. Alternate function (continued)

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15	
	I2C4/ SYS_AF	LPTIM1/ TIM2/5/ 15/16/17	I2C1/3/ I2C3/4/SAI1/US B/HRTIM1/ TIM8/20/15/ COMP1	QUADSPI1/ I2C1/2/3/4/ I2S2/3/2C4/ UART4/5/ TIM8/ Infrared	I2C1/2/3/ 4/TIM1/8/ 16/17	QUADSPI1/ SPI1/2/3/4/ I2S2/3/2C4/ UART4/5/ TIM8/ Infrared	USART1/2/3/ FDCAN/CO MP7/5/6	I2C3/4/UAR T4/5/LPUA RT1/COMP 1/2/7/4/5/6/ 3	FDCAN/T IM1/8/5/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1/ 7	LPTIM1/ TIM2/3/4/8/1/ 7	FMC/LPUART1/ SAI1/HRTIM1/ TIM1	SAI1SAI1/HR TIM1/OPAMP 2	UART4/5/ SAI1/TIM 2/15/ UCPD1	EVENT		
Port	PD0	-	-	-	-	-	-	TIM8_ CH4N	-	-	FDCAN1_ RX	-	-	FMC_D2	-	-	EVENT OUT
	PD1	-	-	-	-	TIM8_ CH4	-	TIM8_ BKIN2	-	-	FDCAN1_ TX	-	-	FMC_D3	-	-	EVENT OUT
	PD2	-	-	TIM3_ETR	-	TIM8_ BKIN	UART5_RX	-	-	-	-	-	-	-	-	-	EVENT OUT
	PD3	-	-	TIM2_CH1/ TIM2_ETR	-	-	-	USART2_ CTS	-	-	QUADSPI1_ BK2_NCS	-	FMC_CLK	-	-	-	EVENT OUT
	PD4	-	-	TIM2_CH2	-	-	-	USART2_ RTS_DE	-	-	QUADSPI1_ BK2_IO0	-	FMC_NOE	-	-	-	EVENT OUT
	PD5	-	-	-	-	-	-	USART2_ TX	-	-	QUADSPI1_ BK2_IO1	-	FMC_NWE	-	-	-	EVENT OUT
	PD6	-	-	TIM2_CH4	SAI1_D1	-	-	USART2_ RX	-	-	QUADSPI1_ BK2_IO2	-	FMC_NWAIT	SAI1_SD_A	-	-	EVENT OUT
	PD7	-	-	TIM2_CH3	-	-	-	USART2_ CK	-	-	QUADSPI1_ BK2_IO3	-	FMC_NCE/ FMC_NE1	-	-	-	EVENT OUT
	PD8	-	-	-	-	-	-	USART3_ TX	-	-	-	-	FMC_D13	-	-	-	EVENT OUT
	PD9	-	-	-	-	-	-	USART3_ RX	-	-	-	-	FMC_D14	-	-	-	EVENT OUT
	PD10	-	-	-	-	-	-	USART3_ CK	-	-	-	-	FMC_D15	-	-	-	EVENT OUT
	PD11	-	TIM5_ETR	-	-	I2C4_ SMBA	-	USART3_ CTS	-	-	-	-	FMC_A16	-	-	-	EVENT OUT
	PD12	-	-	TIM4_CH1	-	-	-	USART3_ RTS_DE	-	-	-	-	FMC_A17	-	-	-	EVENT OUT
	PD13	-	-	TIM4_CH2	-	-	-	-	-	-	-	-	FMC_A18	-	-	-	EVENT OUT
	PD14	-	-	TIM4_CH3	-	-	-	-	-	-	-	-	FMC_D0	-	-	-	EVENT OUT
	PD15	-	-	TIM4_CH4	-	-	-	SPI2_NSS	-	-	-	-	FMC_D1	-	-	-	EVENT OUT

Table 13. Alternate function (continued)

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15	
	I2C4/ SYS_AF	LPTIM1/ TIM2/5/ 15/16/17	I2C1/3/ TIM1/2/3/4/5/8/ 20/15/ COMP1	QUADSPI1/ I2C3/4/SAI1/US B/HRTIM1/ TIM8/20/15/ COMP3	I2C1/2/3/ 4/TIM1/8/ 16/17	QUADSPI1/ SPI1/2/3/4/ I2S2/3/2C4/ UART4/5/ TIM8/ Infrared	QUADSPI1/ SPI2/3/I2S2/ 3/TIM1/5/8/ 20/Infrared	USART1/2/3/ MP7/5/6	I2C3/4/UAR T4/5/LPUA RT1/COMP 1/2/7/4/5/6/ 3	FDCAN/T IM1/8/5/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1/ 7	LPTIM1/ TIM2/3/4/8/1/ 7	FMC/LPUART1/ SAI1/HRTIM1/ TIM1	SAI1SAI1/HR TIM1/OPAMP 2	UART4/5/ SAI1/TIM 2/15/ UCPD1	EVENT	
Port E	PE0	-	-	TIM4_ETR	TIM20_CH4N	TIM16_CH1	-	TIM20_ETR	USART1_TX	-	FDCAN1_RXFD	-	-	FMC_NBL0	-	-	EVENT OUT
	PE1	-	-	-	-	TIM17_CH1	-	TIM20_CH4	USART1_RX	-	-	-	-	FMC_NBL1	-	-	EVENT OUT
	PE2	TRACECK	-	TIM3_CH1	SAI1_CK1	-	SPI4_SCK	TIM20_CH1	-	-	-	-	-	FMC_A23	SAI1_MCLK_A	-	EVENT OUT
	PE3	TRACED0	-	TIM3_CH2	-	-	SPI4 NSS	TIM20_CH2	-	-	-	-	-	FMC_A19	SAI1_SD_B	-	EVENT OUT
	PE4	TRACED1	-	TIM3_CH3	SAI1_D2	-	SPI4 NSS	TIM20_CH1N	-	-	-	-	-	FMC_A20	SAI1_FS_A	-	EVENT OUT
	PE5	TRACED2	-	TIM3_CH4	SAI1_CK2	-	SPI4_MISO	TIM20_CH2N	-	-	-	-	-	FMC_A21	SAI1_SCK_A	-	EVENT OUT
	PE6	TRACED3	-	-	SAI1_D1	-	SPI4_MOSI	TIM20_CH3N	-	-	-	-	-	FMC_A22	SAI1_SD_A	-	EVENT OUT
	PE7	-	-	TIM1_ETR	-	-	-	-	-	-	-	-	-	FMC_D4	SAI1_SD_B	-	EVENT OUT
	PE8	-	TIM5_CH3	TIM1_CH1N	-	-	-	-	-	-	-	-	-	FMC_D5	SAI1_SCK_B	-	EVENT OUT
	PE9	-	TIM5_CH4	TIM1_CH1	-	-	-	-	-	-	-	-	-	FMC_D6	SAI1_FS_B	-	EVENT OUT
	PE10	-	-	TIM1_CH2N	-	-	-	-	-	-	-	QUADSPI1_CLK	-	FMC_D7	SAI1_MCLK_B	-	EVENT OUT
	PE11	-	-	TIM1_CH2	-	-	SPI4 NSS	-	-	-	-	QUADSPI1_BK1_NCS	-	FMC_D8	-	-	EVENT OUT
	PE12	-	-	TIM1_CH3N	-	-	SPI4_SCK	-	-	-	-	QUADSPI1_BK1_IO0	-	FMC_D9	-	-	EVENT OUT
	PE13	-	-	TIM1_CH3	-	-	SPI4_MISO	-	-	-	-	QUADSPI1_BK1_IO1	-	FMC_D10	-	-	EVENT OUT
	PE14	-	-	TIM1_CH4	-	-	SPI4 MOSI	TIM1_BKIN2	-	-	-	QUADSPI1_BK1_IO2	-	FMC_D11	-	-	EVENT OUT
	PE15	-	-	TIM1_BKIN	-	-	-	TIM1_CH4N	USART3_RX	-	-	QUADSPI1_BK1_IO3	-	FMC_D12	-	-	EVENT OUT

Pinouts and pin description

STM32G474xB STM32G474xC STM32G474xE

Table 13. Alternate function (continued)

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15	
	I2C4/ SYS_AF	LPTIM1/ TIM2/5/ 15/16/17	I2C1/3/ I2C3/4/SAI1/US B/HRTIM1/ TIM8/20/15/ COMP1	QUADSPI1/ I2C3/4/SAI1/US B/HRTIM1/ TIM8/20/15/ COMP3	I2C1/2/3/ 4/TIM1/8/ 16/17	QUADSPI1/ /SPI1/2/3/4/ I2S2/3/I2C4/ UART4/5/ TIM8/ Infrared	QUADSPI1/ /SPI2/3/I2S2/ /3/TIM1/5/8/ 20/Infrared	USART1/2/3/ /FDcan/CO MP7/5/6	I2C3/4/UAR T4/5/LPUA RT1/COMP 1/2/7/4/5/6/ 3	FDCAN/T IM1/8/5/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1/ 7	LPTIM1/ TIM2/3/4/8/1/ 7	FMC/LPUART1/ SAI1/HRTIM1/ TIM1	SAI1SAI1/HR TIM1/OPAMP 2	UART4/5/ SAI1/TIM 2/15/ UCPD1	EVENT	
Port F	PF0	-	-	-	-	I2C2_ SDA	SPI2_NSS/ I2S2_WS	TIM1_ CH3N	-	-	-	-	-	-	-	EVENT OUT	
	PF1	-	-	-	-	-	SPI2_SCK/ I2S2_CK	-	-	-	-	-	-	-	-	EVENT OUT	
	PF2	-	-	TIM20_CH3	-	I2C2_ SMB	-	-	-	-	-	-	FMC_A2	-	-	EVENT OUT	
	PF3	-	-	TIM20_CH4	-	I2C3_ SCL	-	-	-	-	-	-	FMC_A3	-	-	EVENT OUT	
	PF4	-	-	COMP1_OUT	TIM20_CH1N	I2C3_ SDA	-	-	-	-	-	-	FMC_A4	-	-	EVENT OUT	
	PF5	-	-	TIM20_CH2N	-	-	-	-	-	-	-	-	FMC_A5	-	-	EVENT OUT	
	PF6	-	TIM5_ETR	TIM4_CH4	SAI1_SD_B	I2C2_ SCL	-	TIM5_CH1	USART3_ RTS	-	-	QUADSPI1_ BK1_IO3	-	-	-	EVENT OUT	
	PF7	-	-	TIM20_BKIN	-	-	-	TIM5_CH2	-	-	-	QUADSPI1_ BK1_IO2	-	FMC_A1	SAI1_MCLK_ B	-	EVENT OUT
	PF8	-	-	TIM20_BKIN2	-	-	-	TIM5_CH3	-	-	-	QUADSPI1_ BK1_IO0	-	FMC_A24	SAI1_SCK_B	-	EVENT OUT
	PF9	-	-	TIM20_BKIN	TIM15_CH1	-	SPI2_SCK	TIM5_CH4	-	-	-	QUADSPI1_ BK1_IO1	-	FMC_A25	SAI1_FS_B	-	EVENT OUT
	PF10	-	-	TIM20_BKIN2	TIM15_CH2	-	SPI2_SCK	-	-	-	-	QUADSPI1_ CLK	-	FMC_A0	SAI1_D3	-	EVENT OUT
	PF11	-	-	TIM20_ETR	-	-	-	-	-	-	-	-	-	FMC_NE4	-	-	EVENT OUT
	PF12	-	-	TIM20_CH1	-	-	-	-	-	-	-	-	-	FMC_A6	-	-	EVENT OUT
	PF13	-	-	TIM20_CH2	-	I2C4_ SMB	-	-	-	-	-	-	-	FMC_A7	-	-	EVENT OUT
	PF14	-	-	TIM20_CH3	-	I2C4_ SCL	-	-	-	-	-	-	-	FMC_A8	-	-	EVENT OUT
	PF15	-	-	TIM20_CH4	-	I2C4_ SDA	-	-	-	-	-	-	-	FMC_A9	-	-	EVENT OUT

Table 13. Alternate function (continued)

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
	I2C4/ SYS_AF	LPTIM1/ TIM2/5/ 15/16/17	I2C1/3/ TIM1/2/3/4/5/8/ 20/15/ COMP1	QUADSPI1/ I2C3/4/SAI1/US B/HRTIM1/ TIM8/20/15/ COMP3	I2C1/2/3/ 4/TIM1/8/ 16/17	QUADSPI1/ SPI1/2/3/4/ I2S2/3/I2C4/ UART4/5/ TIM8/ Infrared	USART1/2/3/ FDCAN/CO MP7/5/6	I2C3/4/UAR T4/5/LPUA RT1/COMP 1/2/7/4/5/6/ 3	FDCAN/T IM1/8/5/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1/ 7	LPTIM1/ TIM2/3/4/8/1/ 7	FMC/LPUART1/ SAI1/HRTIM1/ TIM1	SAI1SAI1/HR TIM1/OPAMP 2	UART4/5/ SAI1/TIM 2/15/ UCPD1	EVENT	
Port G	PG0	-	-	TIM20_CH1N	-	-	-	-	-	-	-	-	FMC_A10	-	-	EVENT OUT
	PG1	-	-	TIM20_CH2N	-	-	-	-	-	-	-	-	FMC_A11	-	-	EVENT OUT
	PG2	-	-	TIM20_CH3N	-	-	SPI1_SCK	-	-	-	-	-	FMC_A12	-	-	EVENT OUT
	PG3	-	-	TIM20_BKIN	-	I2C4_SCL	SPI1_MISO	TIM20_CH4N	-	-	-	-	FMC_A13	-	-	EVENT OUT
	PG4	-	-	TIM20_BKIN2	-	I2C4_SDA	SPI1_MOSI	-	-	-	-	-	FMC_A14	-	-	EVENT OUT
	PG5	-	-	TIM20_ETR	-	-	SPI1_NSS	-	-	LPUART1_CTS	-	-	FMC_A15	-	-	EVENT OUT
	PG6	-	-	TIM20_BKIN	-	I2C3_SMBA	-	-	-	LPUART1_RTS_DE	-	-	FMC_INT	-	-	EVENT OUT
	PG7	-	-	-	SAI1_CK1	I2C3_SCL	-	-	-	LPUART1_TX	-	-	FMC_INT	SAI1_MCLK_A	-	EVENT OUT
	PG8	-	-	-	-	I2C3_SDA	-	-	-	LPUART1_RX	-	-	FMC_NE3	-	-	EVENT OUT
	PG9	-	-	-	-	-	-	SPI3_SCK	USART1_TX	-	-	-	FMC_NCE/FMC_NE2	-	TIM15_CH1N	EVENT OUT
	PG10	MCO	-	-	-	-	-	-	-	-	-	-	-	-	-	EVENT OUT

