

## 4.11 Alternate functions

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	FDCAN/T IM1/8/15/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1 7	LPTIM1/ TIM1/8/F DCAN1/3	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)

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 /I2C1/5/8/ 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 IM1/8/15/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1 7	LPTIM1/ TIM1/8/F DCAN1/3	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
		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	FDCAN/T IM1/8/15/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1 7	LPTIM1/ TIM1/8/F DCAN1/3	FMC/LPUART1 /SAI1/HRTIM1/ TIM1	SAI1SAI1/HR TIM1/OPAMP 2	UART4/5/ SAI1/TIM 2/15/ UCPD1	EVENT
Port C	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



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	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 IM1/8/15/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1 7	LPTIM1/ TIM1/8/F DCAN1/3	FMC/LPUART1 /SAI1/HRTIM1/ TIM1	SAI1SAI1/HR TIM1/OPAMP 2	UART4/5/ SAI1/TIM 2/15/ UCPD1	EVENT
Port D	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/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 IM1/8/15/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1 7	LPTIM1/ TIM1/8/F DCAN1/3	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



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	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 IM1/8/15/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1 7	LPTIM1/ TIM1/8/F DCAN1/3	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_ SMBA	-	-	-	-	-	-	-	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_ SMBA	-	-	-	-	-	-	-	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	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 IM1/8/15/ FDCAN1/ 2	QUADSPI1/ TIM2/3/4/8/1 7	LPTIM1/ TIM1/8/F DCAN1/3	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_ SMB4	-	-	-	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