

Table 22. Alternate function AF0 to AF7⁽¹⁾

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7
	SYS_AF	TIM1/2/5/8/LPTIM1	TIM1/2/3/4/5/LPTIM3	SPI2/SAI1/I2C4/USART2/TIM1/8/OCTOSPI1	I2C1/2/3/4	SPI1/2/3/I2C4/DFSDM1/OCTOSPI1	SPI3/I2C3/DFSDM1/COMP1/	USART1/2/3
Port A	PA0	TIM2_CH1	TIM5_CH1	TIM8_ETR	-	-	-	USART2_CTS_NSS
	PA1	TIM2_CH2	TIM5_CH2	-	I2C1_SMBA	SPI1_SCK	-	USART2_RTS_DE
	PA2	TIM2_CH3	TIM5_CH3	-	-	-	-	USART2_TX
	PA3	TIM2_CH4	TIM5_CH4	SAI1_CK1	-	-	-	USART2_RX
	PA4	-	-	OCTOSPI1_NCS	-	SPI1_NSS	SPI3_NSS	USART2_CK
	PA5	TIM2_CH1	TIM2_ETR	TIM8_CH1N	-	SPI1_SCK	-	-
	PA6	TIM1_BKIN	TIM3_CH1	TIM8_BKIN	-	SPI1_MISO	-	USART3_CTS_NSS
	PA7	TIM1_CH1N	TIM3_CH2	TIM8_CH1N	I2C3_SCL	SPI1_MOSI	-	-
	PA8	TIM1_CH1	-	SAI1_CK2	-	-	-	USART1_CK
	PA9	TIM1_CH2	-	SPI2_SCK	-	-	-	USART1_TX
	PA10	TIM1_CH3	-	SAI1_D1	-	-	-	USART1_RX
	PA11	TIM1_CH4	TIM1_BKIN2	-	-	SPI1_MISO	-	USART1_CTS_NSS
	PA12	TIM1_ETR	-	-	-	SPI1_MOSI	-	USART1_RTS_DE
	PA13	JTMS/SWDIO	IR_OUT	-	-	-	-	-
	PA14	JTCK/SWCLK	LPTIM1_OUT	-	I2C1_SMBA	I2C4_SMBA	-	-
PA15	JTDI	TIM2_CH1	TIM2_ETR	USART2_RX	-	SPI1_NSS	SPI3_NSS	USART3_RTS_DE

Table 22. Alternate function AF0 to AF7⁽¹⁾ (continued)

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7
	SYS_AF	TIM1/2/5/8/LPTIM1	TIM1/2/3/4/5/LPTIM3	SPI2/SAI1/I2C4/USART2/TIM1/8/OCTOSPI1	I2C1/2/3/4	SPI1/2/3/I2C4/DFSDM1/OCTOSPI1	SPI3/I2C3/DFSDM1/COMP1/	USART1/2/3
PB0	-	TIM1_CH2N	TIM3_CH3	TIM8_CH2N	-	SPI1_NSS	-	USART3_CK
PB1	-	TIM1_CH3N	TIM3_CH4	TIM8_CH3N	-	-	DFSDM1_DAT1_N0	USART3_RTS_DE
PB2	-	LPTIM1_OUT	-	-	I2C3_SMBA	-	DFSDM1_CK1_N0	-
PB3	JTDO/TRACE SWO	TIM2_CH2	-	-	-	SPI1_SCK	SPI3_SCK	USART1_RTS_DE
PB4	NJTRST	-	TIM3_CH1	-	I2C3_SDA	SPI1_MISO	SPI3_MISO	USART1_CTS_NSS
PB5	-	LPTIM1_IN1	TIM3_CH2	OCTOSPI1_NCLK	I2C1_SMBA	SPI1_MOSI	SPI3_MOSI	USART1_CK
PB6	-	LPTIM1_ETR	TIM4_CH1	TIM8_BKIN2	I2C1_SCL	I2C4_SCL	-	USART1_TX
PB7	-	LPTIM1_IN2	TIM4_CH2	TIM8_BKIN	I2C1_SDA	I2C4_SDA	-	USART1_RX
PB8	-	-	TIM4_CH3	SAI1_CK1	I2C1_SCL	DFSDM1_CKOUT	-	-
PB9	-	IR_OUT	TIM4_CH4	SAI1_D2	I2C1_SDA	SPI2_NSS	-	-
PB10	-	TIM2_CH3	LPTIM3_OUT	I2C4_SCL	I2C2_SCL	SPI2_SCK	-	USART3_TX
PB11	-	TIM2_CH4	-	I2C4_SDA	I2C2_SDA	-	-	USART3_RX
PB12	-	TIM1_BKIN	-	TIM1_BKIN	I2C2_SMBA	SPI2_NSS	DFSDM1_DAT1_N1	USART3_CK
PB13	-	TIM1_CH1N	LPTIM3_IN1	-	I2C2_SCL	SPI2_SCK	DFSDM1_CK1_N1	USART3_CTS_NSS
PB14	-	TIM1_CH2N	LPTIM3_ETR	TIM8_CH2N	I2C2_SDA	SPI2_MISO	DFSDM1_DAT1_N2	USART3_RTS_DE
PB15	RTC_REFIN	TIM1_CH3N	-	TIM8_CH3N	-	SPI2_MOSI	DFSDM1_CK1_N2	-

Port
B

Table 22. Alternate function AF0 to AF7⁽¹⁾ (continued)

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7
	SYS_AF	TIM1/2/5/8/LPTIM1	TIM1/2/3/4/5/LPTIM3	SPI2/SAI1/I2C4/USART2/TIM1/8/OCTOSPI1	I2C1/2/3/4	SPI1/2/3/I2C4/DFSDM1/OCTOSPI1	SPI3/I2C3/DFSDM1/COMP1/	USART1/2/3
PC0	-	LPTIM1_IN1	-	OCTOSPI1_IO7	I2C3_SCL	-	-	-
PC1	TRACED0	LPTIM1_OUT	-	SPI2_MOSI	I2C3_SDA	-	-	-
PC2	-	LPTIM1_IN2	-	-	-	SPI2_MISO	DFSDM1_CKOUT	-
PC3	-	LPTIM1_ETR	LPTIM3_OUT	SAI1_D1	-	SPI2_MOSI	-	-
PC4	-	-	-	-	-	-	-	USART3_TX
PC5	-	-	-	SAI1_D3	-	-	-	USART3_RX
PC6	-	-	TIM3_CH1	TIM8_CH1	-	-	DFSDM1_CKIN3	-
PC7	-	-	TIM3_CH2	TIM8_CH2	-	-	DFSDM1_DATAIN3	-
PC8	-	-	TIM3_CH3	TIM8_CH3	-	-	-	-
PC9	TRACED0	TIM8_BKIN2	TIM3_CH4	TIM8_CH4	-	-	-	-
PC10	TRACED1	-	LPTIM3_ETR	-	-	-	SPI3_SCK	USART3_TX
PC11	-	-	LPTIM3_IN1	-	-	OCTOSPI1_NCS	SPI3_MISO	USART3_RX
PC12	TRACED3	-	-	-	-	-	SPI3_MOSI	USART3_CK
PC13	-	-	-	-	-	-	-	-
PC14	-	-	-	-	-	-	-	-
PC15	-	-	-	-	-	-	-	-

Port
C

Table 22. Alternate function AF0 to AF7⁽¹⁾ (continued)

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7
	SYS_AF	TIM1/2/5/8/LPTIM1	TIM1/2/3/4/5/LPTIM3	SPI2/SAI1/I2C4/USART2/TIM1/8/OCTOSPI1	I2C1/2/3/4	SPI1/2/3/I2C4/DFSDM1/OCTOSPI1	SPI3/I2C3/DFS DM1/COMP1/	USART1/2/3
PD0	-	-	-	-	-	SPI2_NSS	-	-
PD1	-	-	-	-	-	SPI2_SCK	-	-
PD2	TRACED2	-	TIM3_ETR	-	-	-	-	USART3_RTS_DE
PD3	-	-	-	SPI2_SCK	-	SPI2_MISO	DFSDM1_DAT1_N0	USART2_CTS_NSS
PD4	-	-	-	-	-	SPI2_MOSI	DFSDM1_CK1_N0	USART2_RTS_DE
PD5	-	-	-	-	-	-	-	USART2_TX
PD6	-	-	-	SAI1_D1	-	SPI3_MOSI	DFSDM1_DAT1_N1	USART2_RX
PD7	-	-	-	-	-	-	DFSDM1_CK1_N1	USART2_CK
PD8	-	-	-	-	-	-	-	USART3_TX
PD9	-	-	-	-	-	-	-	USART3_RX
PD10	-	-	-	-	-	-	-	USART3_CK
PD11	-	-	-	-	I2C4_SMBA	-	-	USART3_CTS_NSS
PD12	-	-	TIM4_CH1	-	I2C4_SCL	-	-	USART3_RTS_DE
PD13	-	-	TIM4_CH2	-	I2C4_SDA	-	-	-
PD14	-	-	TIM4_CH3	-	-	-	-	-
PD15	-	-	TIM4_CH4	-	-	-	-	-

Port
D

Table 22. Alternate function AF0 to AF7⁽¹⁾ (continued)

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7
	SYS_AF	TIM1/2/5/8/LPTIM1	TIM1/2/3/4/5/LPTIM3	SPI2/SAI1/I2C4/USART2/TIM1/8/OCTOSPI1	I2C1/2/3/4	SPI1/2/3/I2C4/DFSDM1/OCTOSPI1	SPI3/I2C3/DFSDM1/COMP1/	USART1/2/3
PE0	-	-	TIM4_ETR	-	-	-	-	-
PE1	-	-	-	-	-	-	-	-
PE2	TRACECK	-	TIM3_ETR	SAI1_CK1	-	-	-	-
PE3	TRACED0	-	TIM3_CH1	OCTOSPI1_DQS	-	-	-	-
PE4	TRACED1	-	TIM3_CH2	SAI1_D2	-	-	DFSDM1_DAT1_N3	-
PE5	TRACED2	-	TIM3_CH3	SAI1_CK2	-	-	DFSDM1_CK1_N3	-
PE6	TRACED3	-	TIM3_CH4	SAI1_D1	-	-	-	-
PE7	-	TIM1_ETR	-	-	-	-	DFSDM1_DAT1_N2	-
PE8	-	TIM1_CH1N	-	-	-	-	DFSDM1_CK1_N2	-
PE9	-	TIM1_CH1	-	-	-	-	DFSDM1_CKO_UT	-
PE10	-	TIM1_CH2N	-	-	-	-	-	-
PE11	-	TIM1_CH2	-	-	-	-	-	-
PE12	-	TIM1_CH3N	-	-	-	SPI1_NSS	-	-
PE13	-	TIM1_CH3	-	-	-	SPI1_SCK	-	-
PE14	-	TIM1_CH4	TIM1_BKIN2	TIM1_BKIN2	-	SPI1_MISO	-	-
PE15	-	TIM1_BKIN	-	TIM1_BKIN	-	SPI1_MOSI	-	-

Port
E

Table 22. Alternate function AF0 to AF7⁽¹⁾ (continued)

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7
	SYS_AF	TIM1/2/5/8/LPTIM1	TIM1/2/3/4/5/LPTIM3	SPI2/SAI1/I2C4/USART2/TIM1/8/OCTOSPI1	I2C1/2/3/4	SPI1/2/3/I2C4/DFSDM1/OCTOSPI1	SPI3/I2C3/DFSDM1/COMP1/	USART1/2/3
Port F	PF0	-	-	-	I2C2_SDA	-	-	-
	PF1	-	-	-	I2C2_SCL	-	-	-
	PF2	-	-	-	I2C2_SMBA	-	-	-
	PF3	-	LPTIM3_IN1	-	-	-	-	-
	PF4	-	LPTIM3_ETR	-	-	-	-	-
	PF5	-	LPTIM3_OUT	-	-	-	-	-
	PF6	-	TIM5_ETR	-	-	-	-	-
	PF7	-	TIM5_CH2	-	-	-	-	-
	PF8	-	TIM5_CH3	-	-	-	-	-
	PF9	-	TIM5_CH4	-	-	-	-	-
	PF10	-	-	OCTOSPI1_CLK	-	-	DFSDM1_CKOUT	-
	PF11	-	-	OCTOSPI1_NCLK	-	-	-	-
	PF12	-	-	-	-	-	-	-
	PF13	-	-	-	I2C4_SMBA	-	-	-
	PF14	-	-	-	I2C4_SCL	-	-	-
	PF15	-	-	-	I2C4_SDA	-	-	-

Table 22. Alternate function AF0 to AF7⁽¹⁾ (continued)

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7
	SYS_AF	TIM1/2/5/8/LPTIM1	TIM1/2/3/4/5/LPTIM3	SPI2/SAI1/I2C4/USART2/TIM1/8/OCTOSPI1	I2C1/2/3/4	SPI1/2/3/I2C4/DFSDM1/OCTOSPI1	SPI3/I2C3/DFSDM1/COMP1/	USART1/2/3
PG0	-	-	-	-	-	-	-	-
PG1	-	-	-	-	-	-	-	-
PG2	-	-	-	-	-	SPI1_SCK	-	-
PG3	-	-	-	-	-	SPI1_MISO	-	-
PG4	-	-	-	-	-	SPI1_MOSI	-	-
PG5	-	-	-	-	-	SPI1_NSS	-	-
PG6	-	-	-	OCTOSPI1_DQS	I2C3_SMBA	-	-	-
PG7	-	-	-	SAI1_CK1	I2C3_SCL	-	DFSDM1_CKOUT	-
PG8	-	-	-	-	I2C3_SDA	-	-	-
PG9	-	-	-	-	-	-	SPI3_SCK	USART1_TX
PG10	-	LPTIM1_IN1	-	-	-	-	SPI3_MISO	USART1_RX
PG11	-	LPTIM1_IN2	-	OCTOSPI1_IO5	-	-	SPI3_MOSI	USART1_CTS_NSS
PG12	-	LPTIM1_ETR	-	-	-	-	SPI3_NSS	USART1_RTS_DE
PG13	-	-	-	-	I2C1_SDA	-	-	USART1_CK
PG14	-	-	-	-	I2C1_SCL	-	-	-
PG15	-	LPTIM1_OUT	-	-	I2C1_SMBA	-	-	-

Port
G

Table 22. Alternate function AF0 to AF7⁽¹⁾ (continued)

Port	AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7
	SYS_AF	TIM1/2/5/8/LPTIM1	TIM1/2/3/4/5/LPTIM3	SPI2/SAI1/I2C4/USART2/TIM1/8/OCTOSPI1	I2C1/2/3/4	SPI1/2/3/I2C4/DFSDM1/OCTOSPI1	SPI3/I2C3/DFS DM1/COMP1/	USART1/2/3
PH0	-	-	-	-	-	-	-	-
PH1	-	-	-	-	-	-	-	-
PH3	-	-	-	-	-	-	-	-

1. Refer to [Table 23](#) for AF8 to AF15.



Table 23. Alternate function AF8 to AF15⁽¹⁾

Port	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
	UART4/5/LPUART1/SDMMC1	FDCAN1/TSC	USB/OCTOSPI1	UCPD1	SDMMC1/COMP1/2/TIM1/8/FMC	SAI1/2/TIM8	TIM2/8/15/16/17/LPTIM2	EVENTOUT
PA0	UART4_TX	-	-	-	-	SAI1_EXTCLK	TIM2_ETR	EVENTOUT
PA1	UART4_RX	-	OCTOSPI1_DQS	-	-	-	TIM15_CH1N	EVENTOUT
PA2	LPUART1_TX	-	OCTOSPI1_NCS	UCPD1_FRSTX1	-	SAI2_EXTCLK	TIM15_CH1	EVENTOUT
PA3	LPUART1_RX	-	OCTOSPI1_CLK	-	-	SAI1_MCLK_A	TIM15_CH2	EVENTOUT
PA4	-	-	-	-	-	SAI1_FS_B	LPTIM2_OUT	EVENTOUT
PA5	-	-	-	-	-	-	LPTIM2_ETR	EVENTOUT
PA6	LPUART1_CTS_NSS	-	OCTOSPI1_IO3	-	TIM1_BKIN	TIM8_BKIN	TIM16_CH1	EVENTOUT
PA7	-	-	OCTOSPI1_IO2	-	-	-	TIM17_CH1	EVENTOUT
PA8	-	-	-	-	-	SAI1_SCK_A	LPTIM2_OUT	EVENTOUT
PA9	-	-	-	-	-	SAI1_FS_A	TIM15_BKIN	EVENTOUT
PA10	-	-	CRS_SYNC	-	-	SAI1_SD_A	TIM17_BKIN	EVENTOUT
PA11	-	FDCAN1_RX	USB_DM	-	TIM1_BKIN2	-	-	EVENTOUT
PA12	-	FDCAN1_TX	USB_DP	-	-	-	-	EVENTOUT
PA13	-	-	USB_NOE	-	-	SAI1_SD_B	-	EVENTOUT
PA14	-	-	-	-	-	SAI1_FS_B	-	EVENTOUT
PA15	UART4_RTS_D E	-	-	-	-	SAI2_FS_B	-	EVENTOUT

Port
A

Table 23. Alternate function AF8 to AF15⁽¹⁾ (continued)

Port	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
	UART4/5/LPUART1/SDMMC1	FDCAN1/TSC	USB/OCTOSPI1	UCPD1	SDMMC1/COMP1/2/TIM1/8/FMC	SAI1/2/TIM8	TIM2/8/15/16/17/LPTIM2	EVENTOUT
PB0	-	-	OCTOSPI1_IO1	-	COMP1_OUT	SAI1_EXTCLK	-	EVENTOUT
PB1	LPUART1_RTS_DE	-	OCTOSPI1_IO0	-	-	-	LPTIM2_IN1	EVENTOUT
PB2	-	-	OCTOSPI1_DQS	UCPD1_FRSTX1	-	-	-	EVENTOUT
PB3	-	-	CRS_SYNC	-	-	SAI1_SCK_B	-	EVENTOUT
PB4	UART5_RTS_DE	TSC_G2_IO1	-	-	-	SAI1_MCLK_B	TIM17_BKIN	EVENTOUT
PB5	UART5_CTS_NSS	TSC_G2_IO2	-	-	COMP2_OUT	SAI1_SD_B	TIM16_BKIN	EVENTOUT
PB6	-	TSC_G2_IO3	-	-	TIM8_BKIN2	SAI1_FS_B	TIM16_CH1N	EVENTOUT
PB7	UART4_CTS_NSS	TSC_G2_IO4	-	-	FMC_NL	TIM8_BKIN	TIM17_CH1N	EVENTOUT
PB8	SDMMC1_CKIN	FDCAN1_RX	-	-	SDMMC1_D4	SAI1_MCLK_A	TIM16_CH1	EVENTOUT
PB9	SDMMC1_CDIR	FDCAN1_TX	-	-	SDMMC1_D5	SAI1_FS_A	TIM17_CH1	EVENTOUT
PB10	LPUART1_RX	TSC_SYNC	OCTOSPI1_CLK	-	COMP1_OUT	SAI1_SCK_A	-	EVENTOUT
PB11	LPUART1_TX	-	OCTOSPI1_NCS	-	COMP2_OUT	-	-	EVENTOUT
PB12	LPUART1_RTS_DE	TSC_G1_IO1	OCTOSPI1_NCLK	-	-	SAI2_FS_A	TIM15_BKIN	EVENTOUT
PB13	LPUART1_CTS_NSS	TSC_G1_IO2	-	UCPD1_FRSTX2	-	SAI2_SCK_A	TIM15_CH1N	EVENTOUT
PB14	-	TSC_G1_IO3	-	-	-	SAI2_MCLK_A	TIM15_CH1	EVENTOUT
PB15	-	-	-	-	-	SAI2_SD_A	TIM15_CH2	EVENTOUT

Port
B

Table 23. Alternate function AF8 to AF15⁽¹⁾ (continued)

Port	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
	UART4/5/LPUART1/SDMMC1	FDCAN1/TSC	USB/OCTOSPI1	UCPD1	SDMMC1/COMP1/2/TIM1/8/FMC	SAI1/2/TIM8	TIM2/8/15/16/17/LPTIM2	EVENTOUT
PC0	LPUART1_RX	-	-	-	SDMMC1_D5	SAI2_FS_A	LPTIM2_IN1	EVENTOUT
PC1	LPUART1_TX	-	OCTOSPI1_IO4	-	-	SAI1_SD_A	-	EVENTOUT
PC2	-	TSC_G3_IO1	OCTOSPI1_IO5	-	-	-	-	EVENTOUT
PC3	-	TSC_G1_IO4	OCTOSPI1_IO6	-	-	SAI1_SD_A	LPTIM2_ETR	EVENTOUT
PC4	-	-	OCTOSPI1_IO7	-	-	-	-	EVENTOUT
PC5	-	-	-	-	-	-	-	EVENTOUT
PC6	SDMMC1_D0DIR	TSC_G4_IO1	-	-	SDMMC1_D6	SAI2_MCLK_A	-	EVENTOUT
PC7	SDMMC1_D123DIR	TSC_G4_IO2	-	-	SDMMC1_D7	SAI2_MCLK_B	-	EVENTOUT
PC8	-	TSC_G4_IO3	-	-	SDMMC1_D0	-	-	EVENTOUT
PC9	-	TSC_G4_IO4	USB_NOE	-	SDMMC1_D1	SAI2_EXTCLK	TIM8_BKIN2	EVENTOUT
PC10	UART4_TX	TSC_G3_IO2	-	-	SDMMC1_D2	SAI2_SCK_B	-	EVENTOUT
PC11	UART4_RX	TSC_G3_IO3	-	UCPD1_FRSTX2	SDMMC1_D3	SAI2_MCLK_B	-	EVENTOUT
PC12	UART5_TX	TSC_G3_IO4	-	-	SDMMC1_CK	SAI2_SD_B	-	EVENTOUT
PC13	-	-	-	-	-	-	-	EVENTOUT
PC14	-	-	-	-	-	-	-	EVENTOUT
PC15	-	-	-	-	-	-	-	EVENTOUT

Port
C

Table 23. Alternate function AF8 to AF15⁽¹⁾ (continued)

Port	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
	UART4/5/LPUART1/SDMMC1	FDCAN1/TSC	USB/OCTOSPI1	UCPD1	SDMMC1/COMP1/2/TIM1/8/FMC	SAI1/2/TIM8	TIM2/8/15/16/17/LPTIM2	EVENTOUT
PD0	-	FDCAN1_RX	-	-	FMC_D2	-	-	EVENTOUT
PD1	-	FDCAN1_TX	-	-	FMC_D3	-	-	EVENTOUT
PD2	UART5_RX	TSC_SY NC	-	-	SDMMC1_CMD	-	-	EVENTOUT
PD3	-	-	-	-	FMC_CLK	-	-	EVENTOUT
PD4	-	-	OCTOSPI1_IO4	-	FMC_NOE	-	-	EVENTOUT
PD5	-	-	OCTOSPI1_IO5	-	FMC_NWE	-	-	EVENTOUT
PD6	-	-	OCTOSPI1_IO6	-	FMC_NWAIT	SAI1_SD_A	-	EVENTOUT
PD7	-	-	OCTOSPI1_IO7	-	FMC_NCE/FMC_NE1	-	-	EVENTOUT
PD8	-	-	-	-	FMC_D13	-	-	EVENTOUT
PD9	-	-	-	-	FMC_D14	SAI2_MCLK_A	-	EVENTOUT
PD10	-	TSC_G6_IO1	-	-	FMC_D15	SAI2_SCK_A	-	EVENTOUT
PD11	-	TSC_G6_IO2	-	-	FMC_A16	SAI2_SD_A	LPTIM2_ETR	EVENTOUT
PD12	-	TSC_G6_IO3	-	-	FMC_A17	SAI2_FS_A	LPTIM2_IN1	EVENTOUT
PD13	-	TSC_G6_IO4	-	-	FMC_A18	-	LPTIM2_OUT	EVENTOUT
PD14	-	-	-	-	FMC_D0	-	-	EVENTOUT
PD15	-	-	-	-	FMC_D1	-	-	EVENTOUT

Port
D

Table 23. Alternate function AF8 to AF15⁽¹⁾ (continued)

Port	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
	UART4/5/LPUART1/SDMMC1	FDCAN1/TSC	USB/OCTOSPI1	UCPD1	SDMMC1/COMP1/2/TIM1/8/FMC	SAI1/2/TIM8	TIM2/8/15/16/17/LPTIM2	EVENTOUT
PE0	-	-	-	-	FMC_NBL0	-	TIM16_CH1	EVENTOUT
PE1	-	-	-	-	FMC_NBL1	-	TIM17_CH1	EVENTOUT
PE2	-	TSC_G7_IO1	-	-	FMC_A23	SAI1_MCLK_A	-	EVENTOUT
PE3	-	TSC_G7_IO2	-	-	FMC_A19	SAI1_SD_B	-	EVENTOUT
PE4	-	TSC_G7_IO3	-	-	FMC_A20	SAI1_FS_A	-	EVENTOUT
PE5	-	TSC_G7_IO4	-	-	FMC_A21	SAI1_SCK_A	-	EVENTOUT
PE6	-	-	-	-	FMC_A22	SAI1_SD_A	-	EVENTOUT
PE7	-	-	-	-	FMC_D4	SAI1_SD_B	-	EVENTOUT
PE8	-	-	-	-	FMC_D5	SAI1_SCK_B	-	EVENTOUT
PE9	-	-	OCTOSPI1_NCLK	-	FMC_D6	SAI1_FS_B	-	EVENTOUT
PE10	-	TSC_G5_IO1	OCTOSPI1_CLK	-	FMC_D7	SAI1_MCLK_B	-	EVENTOUT
PE11	-	TSC_G5_IO2	OCTOSPI1_NCS	-	FMC_D8	-	-	EVENTOUT
PE12	-	TSC_G5_IO3	OCTOSPI1_IO0	-	FMC_D9	-	-	EVENTOUT
PE13	-	TSC_G5_IO4	OCTOSPI1_IO1	-	FMC_D10	-	-	EVENTOUT
PE14	-	-	OCTOSPI1_IO2	-	FMC_D11	-	-	EVENTOUT
PE15	-	-	OCTOSPI1_IO3	-	FMC_D12	-	-	EVENTOUT

Port
E

Table 23. Alternate function AF8 to AF15⁽¹⁾ (continued)

Port	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
	UART4/5/LPUART1/SDMMC1	FDCA11/TSC	USB/OCTOSPI1	UCPD1	SDMMC1/COMP1/2/TIM1/8/FMC	SAI1/2/TIM8	TIM2/8/15/16/17/LPTIM2	EVENTOUT
Port F	PF0	-	-	-	FMC_A0	-	-	EVENTOUT
	PF1	-	-	-	FMC_A1	-	-	EVENTOUT
	PF2	-	-	-	FMC_A2	-	-	EVENTOUT
	PF3	-	-	-	FMC_A3	-	-	EVENTOUT
	PF4	-	-	-	FMC_A4	-	-	EVENTOUT
	PF5	-	-	-	FMC_A5	-	-	EVENTOUT
	PF6	-	OCTOSPI1_IO3	-	-	SAI1_SD_B	-	EVENTOUT
	PF7	-	OCTOSPI1_IO2	-	-	SAI1_MCLK_B	-	EVENTOUT
	PF8	-	OCTOSPI1_IO0	-	-	SAI1_SCK_B	-	EVENTOUT
	PF9	-	OCTOSPI1_IO1	-	-	SAI1_FS_B	TIM15_CH1	EVENTOUT
	PF10	-	-	-	-	SAI1_D3	TIM15_CH2	EVENTOUT
	PF11	-	-	-	-	-	-	EVENTOUT
	PF12	-	-	-	FMC_A6	-	-	EVENTOUT
	PF13	-	-	-	FMC_A7	-	-	EVENTOUT
	PF14	-	TSC_G8_IO1	-	FMC_A8	-	-	EVENTOUT
	PF15	-	TSC_G8_IO2	-	FMC_A9	-	-	EVENTOUT

Table 23. Alternate function AF8 to AF15⁽¹⁾ (continued)

Port	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
	UART4/5/LPUART1/SDMMC1	FD CAN1/ TSC	USB/OCTOSPI1	UCPD1	SDMMC1/COMP1 /2/TIM1/8/FMC	SAI1/2/TIM8	TIM2/8/15/16/17/ LPTIM2	EVENTOUT
Port G	PG0	TSC_G8_ IO3	-	-	FMC_A10	-	-	EVENTOUT
	PG1	TSC_G8_ IO4	-	-	FMC_A11	-	-	EVENTOUT
	PG2	-	-	-	FMC_A12	SAI2_SCK_B	-	EVENTOUT
	PG3	-	-	-	FMC_A13	SAI2_FS_B	-	EVENTOUT
	PG4	-	-	-	FMC_A14	SAI2_MCLK_B	-	EVENTOUT
	PG5	LPUART1_CTS_ _NSS	-	-	FMC_A15	SAI2_SD_B	-	EVENTOUT
	PG6	LPUART1_RTS_ DE	-	UCPD1_FRSTX1	-	-	-	EVENTOUT
	PG7	LPUART1_TX	-	UCPD1_FRSTX2	FMC_INT	SAI1_MCLK_A	-	EVENTOUT
	PG8	LPUART1_RX	-	-	-	-	-	EVENTOUT
	PG9	-	-	-	FMC_NCE/FMC_ NE2	SAI2_SCK_A	TIM15_CH1N	EVENTOUT
	PG10	-	-	-	FMC_NE3	SAI2_FS_A	TIM15_CH1	EVENTOUT
	PG11	-	-	-	-	SAI2_MCLK_A	TIM15_CH2	EVENTOUT
	PG12	-	-	-	FMC_NE4	SAI2_SD_A	-	EVENTOUT
	PG13	-	-	-	FMC_A24	-	-	EVENTOUT
	PG14	-	-	-	FMC_A25	-	-	EVENTOUT
	PG15	-	-	-	-	-	-	EVENTOUT

Table 23. Alternate function AF8 to AF15⁽¹⁾ (continued)

Port	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
	UART4/5/LPUART1/SDMMC1	FDCAN1/TSC	USB/OCTOSPI1	UCPD1	SDMMC1/COMP1/2/TIM1/8/FMC	SAI1/2/TIM8	TIM2/8/15/16/17/LPTIM2	EVENTOUT
Port H	PH0	-	-	-	-	-	-	EVENTOUT
	PH1	-	-	-	-	-	-	EVENTOUT
	PH3	-	-	-	-	-	-	EVENTOUT

1. Refer to [Table 22](#) for AF0 to AF7.

