

Table 11. Alternate function

| Port | | AF0 | AF1 | AF2 | AF3 | AF4 | AF5 | AF6 | AF7 | AF8 | AF9 | AF10 | AF11 | AF12 | AF13 | AF14 | AF15 |
|--------|------|----------------|-----------------------|----------|--------------------------|--------------------|-----------------------|----------------------|---|--|---------------------------------------|--|---------|--------------------------|-----------------|------|--------------|
| | | SYS | TIM1/2 | TIM3/4/5 | TIM8/9/ 10/11/ CEC | I2C1/2/3 /4/CEC | SPI1/2/3/ 4 | SPI2/3/4/ SAI1 | SPI2/3/ USART1/ 2/3/UART 5/SPDIFR X | SAI/ USART6/ UART4/5/ SPDIFRX | CAN1/2 TIM12/13/ 14/ QUADSPI | SAI2/ QUADSPI/ OTG2_HS/ OTG1_FS | OTG1_FS | FMC/ SDIO/ OTG2_FS | DCMI | - | SYS |
| Port A | PA0 | - | TIM2_CH1/ TIM2_ETR | TIM5_CH1 | TIM8_ETR | - | - | - | USART2_ CTS | UART4_ TX | - | - | - | - | - | - | EVENT OUT |
| | PA1 | - | TIM2_CH2 | TIM5_CH2 | - | - | - | - | USART2_ RTS | UART4_ RX | QUADSPI_ BK1_IO3 | SAI2_ MCLK_B | - | - | - | - | EVENT OUT |
| | PA2 | - | TIM2_CH3 | TIM5_CH3 | TIM9_CH1 | - | - | - | USART2_ TX | SAI2_ SCK_B | - | - | - | - | - | - | EVENT OUT |
| | PA3 | - | TIM2_CH4 | TIM5_CH4 | TIM9_CH2 | - | - | SAI1_ FS_A | USART2_ RX | - | - | OTG_HS_ ULPI_D0 | - | - | - | - | EVENT OUT |
| | PA4 | - | - | - | - | - | SPI1_NSS/ I2S1_WS | SPI3_NSS/ I2S3_WS | USART2_ CK | - | - | - | - | OTG_HS_ SOF | DCMI_ HSYNC | - | EVENT OUT |
| | PA5 | - | TIM2_CH1/ TIM2_ETR | - | TIM8_ CH1N | - | SPI1_SCK/ I2S1_CK | - | - | - | - | OTG_HS_ ULPI_CK | - | - | - | - | EVENT OUT |
| | PA6 | - | TIM1_ BKIN | TIM3_CH1 | TIM8_ BKIN | - | SPI1_MISO | I2S2_ MCK | - | - | TIM13_CH1 | - | - | - | DCMI_ PIXCLK | - | EVENT OUT |
| | PA7 | - | TIM1_ CH1N | TIM3_CH2 | TIM8_ CH1N | - | SPI1_MOSI/ I2S1_SD | - | - | - | TIM14_CH1 | - | - | FMC_ SDNWE | - | - | EVENT OUT |
| | PA8 | MCO1 | TIM1_CH1 | - | - | I2C3_ SCL | - | - | USART1_ CK | - | - | OTG_FS_ SOF | - | - | - | - | EVENT OUT |
| | PA9 | - | TIM1_CH2 | - | - | I2C3_ SMBA | SPI2_SCK/ I2S2_CK | SAI1_ SD_B | USART1_ TX | - | - | - | - | - | DCMI_D0 | - | EVENT OUT |
| | PA10 | - | TIM1_CH3 | - | - | - | - | - | USART1_ RX | - | - | OTG_FS_ ID | - | - | DCMI_D1 | - | EVENT OUT |
| | PA11 | - | TIM1_CH4 | - | - | - | - | - | USART1_ CTS | - | CAN1_RX | OTG_FS_ DM | - | - | - | - | EVENT OUT |
| | PA12 | - | TIM1_ETR | - | - | - | - | - | USART1_ RTS | SAI2_ FS_B | CAN1_TX | OTG_FS_ DP | - | - | - | - | EVENT OUT |
| | PA13 | JTMS- SWDIO | - | - | - | - | - | - | - | - | - | - | - | - | - | - | EVENT OUT |
| | PA14 | JTCK- SWCLK | - | - | - | - | - | - | - | - | - | - | - | - | - | - | EVENT OUT |
| | PA15 | JTDI | TIM2_CH1/ TIM2_ETR | - | - | HDMI_ CEC | SPI1_NSS/ I2S1_WS | SPI3_NSS/ I2S3_WS | - | UART4_RT S | - | - | - | - | - | - | EVENT OUT |



Table 11. Alternate function (continued)

| Port | | AF0 | AF1 | AF2 | AF3 | AF4 | AF5 | AF6 | AF7 | AF8 | AF9 | AF10 | AF11 | AF12 | AF13 | AF14 | AF15 |
|--------|------|-----------------------|-----------------------|----------|--------------------------|--------------------|-----------------------|-----------------------|---|--|---------------------------------------|--|---------|--------------------------|------------|------|--------------|
| | | SYS | TIM1/2 | TIM3/4/5 | TIM8/9/ 10/11/ CEC | I2C1/2/3 /4/CEC | SPI1/2/3/ 4 | SPI2/3/4/ SAI1 | SPI2/3/ USART1/ 2/3/UART 5/SPDIFR X | SAI/ USART6/ UART4/5/ SPDIFRX | CAN1/2 TIM12/13/ 14/ QUADSPI | SAI2/ QUADSPI/ OTG2_HS/ OTG1_FS | OTG1_FS | FMC/ SDIO/ OTG2_FS | DCMI | - | SYS |
| Port B | PB0 | - | TIM1_CH2N | TIM3_CH3 | TIM8_CH2N | - | - | - | SPI3_MOS I/ I2S3_SD | UART4_CTS | - | OTG_HS_ULPI_D1 | - | SDIO_D1 | - | - | EVENT OUT |
| | PB1 | - | TIM1_CH3N | TIM3_CH4 | TIM8_CH3N | - | - | - | - | - | - | OTG_HS_ULPI_D2 | - | SDIO_D2 | - | - | EVENT OUT |
| | PB2 | - | TIM2_CH4 | - | - | - | - | SAI1_SD_A | SPI3_MOS I/ I2S3_SD | - | QUADSPI_CLK | OTG_HS_ULPI_D4 | - | SDIO_CK | - | - | EVENT OUT |
| | PB3 | JTDO/ TRACES WO | TIM2_CH2 | - | - | I2C2_SDA | SPI1_SCK /I2S1_CK | SPI3_SCK /I2S3_CK | - | - | - | - | - | - | - | - | EVENT OUT |
| | PB4 | NJTRST | - | TIM3_CH1 | - | I2C3_SDA | SPI1_MISO | SPI3_MISO | SPI2_NSS/ I2S2_WS | - | - | - | - | - | - | - | EVENT OUT |
| | PB5 | - | - | TIM3_CH2 | - | I2C1_SMBA | SPI1_MOSI /I2S1_SD | SPI3_MOSI/ I2S3_SD | - | - | CAN2_RX | OTG_HS_ULPI_D7 | - | FMC_SDCKE1 | DCMI_D10 | - | EVENT OUT |
| | PB6 | - | - | TIM4_CH1 | HDMI_CEC | I2C1_SCL | - | - | USART1_TX | - | CAN2_TX | QUADSPI_BK1_NCS | - | FMC_SDNE1 | DCMI_D5 | - | EVENT OUT |
| | PB7 | - | - | TIM4_CH2 | - | I2C1_SDA | - | - | USART1_RX | SPDIF_RX0 | - | - | - | FMC_NL | DCMI_VSYNC | - | EVENT OUT |
| | PB8 | - | TIM2_CH1/ TIM2_ETR | TIM4_CH3 | TIM10_CH1 | I2C1_SCL | - | - | - | - | CAN1_RX | - | - | SDIO_D4 | DCMI_D6 | - | EVENT OUT |
| | PB9 | - | TIM2_CH2 | TIM4_CH4 | TIM11_CH1 | I2C1_SDA | SPI2_NSS/ I2S2_WS | SAI1_FS_B | - | - | CAN1_TX | - | - | SDIO_D5 | DCMI_D7 | - | EVENT OUT |
| | PB10 | - | TIM2_CH3 | - | - | I2C2_SCL | SPI2_SCK/ I2S2_CK | SAI1_SCK_A | USART3_TX | - | - | OTG_HS_ULPI_D3 | - | - | - | - | EVENT OUT |
| | PB11 | - | TIM2_CH4 | - | - | I2C2_SDA | - | - | USART3_RX | SAI2_SD_A | - | - | - | - | - | - | EVENT OUT |
| | PB12 | - | TIM1_BKIN | - | - | I2C2_SMBA | SPI2_NSS/ I2S2_WS | SAI1_SCK_B | USART3_CK | - | CAN2_RX | OTG_HS_ULPI_D5 | - | OTG_HS_ID | - | - | EVENT OUT |
| | PB13 | - | TIM1_CH1N | - | - | - | SPI2_SCK/ I2S2_CK | - | USART3_CTS | - | CAN2_TX | OTG_HS_ULPI_D6 | - | - | - | - | EVENT OUT |
| | PB14 | - | TIM1_CH2N | - | TIM8_CH2N | - | SPI2_MISO | - | USART3_RTS | - | TIM12_CH1 | - | - | OTG_HS_DM | - | - | EVENT OUT |
| | PB15 | RTC_REFIN | TIM1_CH3N | - | TIM8_CH3N | - | SPI2_MOSI /I2S2_SD | - | - | - | TIM12_CH2 | - | - | OTG_HS_DP | - | - | EVENT OUT |

Table 11. Alternate function (continued)

| Port | | AF0 | AF1 | AF2 | AF3 | AF4 | AF5 | AF6 | AF7 | AF8 | AF9 | AF10 | AF11 | AF12 | AF13 | AF14 | AF15 |
|--------|------|-------------|--------|----------|--------------------------|--------------------|---------------------------|---------------------------|---|--|---------------------------------------|--|---------|--------------------------|---------|------|--------------|
| | | SYS | TIM1/2 | TIM3/4/5 | TIM8/9/ 10/11/ CEC | I2C1/2/3 /4/CEC | SPI1/2/3/ 4 | SPI2/3/4/ SAI1 | SPI2/3/ USART1/ 2/3/UART 5/SPDIFR X | SAI/ USART6/ UART4/5/ SPDIFRX | CAN1/2 TIM12/13/ 14/ QUADSPI | SAI2/ QUADSPI/ OTG2_HS/ OTG1_FS | OTG1_FS | FMC/ SDIO/ OTG2_FS | DCMI | - | SYS |
| Port C | PC0 | - | - | - | - | - | - | SAI1_ MCLK_B | - | - | - | OTG_HS_ ULPI_STP | - | FMC_ SDNWE | - | - | EVENT OUT |
| | PC1 | - | - | - | - | - | SPI3_MOSI /I2S3_SD | SAI1_ SD_A | SPI2_MOS I /I2S2_SD | - | - | - | - | - | - | - | EVENT OUT |
| | PC2 | - | - | - | - | - | SPI2_MISO | - | - | - | - | OTG_HS_ ULPI_DIR | - | FMC_ SDNE0 | - | - | EVENT OUT |
| | PC3 | - | - | - | - | - | SPI2_MOSI / I2S2_SD | - | - | - | - | OTG_HS_ ULPI_NXT | - | FMC_ SDCKE0 | - | - | EVENT OUT |
| | PC4 | - | - | - | - | - | I2S1_MCK | - | - | SPDIF_ RX2 | - | - | - | FMC_ SDNE0 | - | - | EVENT OUT |
| | PC5 | - | - | - | - | - | - | - | USART3_ RX | SPDIF_ RX3 | - | - | - | FMC_ SDCKE0 | - | - | EVENT OUT |
| | PC6 | - | - | TIM3_CH1 | TIM8_CH1 | FMPI2C1 _SCL | I2S2_MCK | - | - | USART6_T X | - | - | - | SDIO_D6 | DCMI_D0 | - | EVENT OUT |
| | PC7 | - | - | TIM3_CH2 | TIM8_CH2 | FMPI2C1 _SDA | SPI2_SCK/ I2S2_CK | I2S3_MCK | SPDIF_ RX1 | USART6_R X | - | - | - | SDIO_D7 | DCMI_D1 | - | EVENT OUT |
| | PC8 | TRACE D0 | - | TIM3_CH3 | TIM8_CH3 | - | - | - | UART5_ RTS | USART6_C K | - | - | - | SDIO_D0 | DCMI_D2 | - | EVENT OUT |
| | PC9 | MCO2 | - | TIM3_CH4 | TIM8_CH4 | I2C3_ SDA | I2S_CKIN | - | UART5_ CTS | - | QUADSPI_ BK1_IO0 | - | - | SDIO_D1 | DCMI_D3 | - | EVENT OUT |
| | PC10 | - | - | - | - | - | - | SPI3_SCK / I2S3_CK | USART3_ TX | UART4_TX | QUADSPI_ BK1_IO1 | - | - | SDIO_D2 | DCMI_D8 | - | EVENT OUT |
| | PC11 | - | - | - | - | - | - | SPI3_ MISO | USART3_ RX | UART4_RX | QUADSPI_ BK2_NCS | - | - | SDIO_D3 | DCMI_D4 | - | EVENT OUT |
| | PC12 | - | - | - | - | I2C2_ SDA | - | SPI3_ MOSI/ I2S3_SD | USART3_ CK | UART5_TX | - | - | - | SDIO_CK | DCMI_D9 | - | EVENT OUT |
| | PC13 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | EVENT OUT |
| | PC14 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | EVENT OUT |
| | PC15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | EVENT OUT |



Table 11. Alternate function (continued)

| Port | | AF0 | AF1 | AF2 | AF3 | AF4 | AF5 | AF6 | AF7 | AF8 | AF9 | AF10 | AF11 | AF12 | AF13 | AF14 | AF15 |
|--------|------|-------------|--------|----------|--------------------------|--------------------|-----------------------|-----------------------|---|--|---------------------------------------|--|---------|--------------------------|----------|------|--------------|
| | | SYS | TIM1/2 | TIM3/4/5 | TIM8/9/ 10/11/ CEC | I2C1/2/3 I4/CEC | SPI1/2/3/ 4 | SPI2/3/4/ SAI1 | SPI2/3/ USART1/ 2/3/UART 5/SPDIFR X | SAI/ USART6/ UART4/5/ SPDIFRX | CAN1/2 TIM12/13/ 14/ QUADSPI | SAI2/ QUADSPI/ OTG2_HS/ OTG1_FS | OTG1_FS | FMC/ SDIO/ OTG2_FS | DCMI | - | SYS |
| Port D | PD0 | - | - | - | - | - | SPI4_MISO | SPI3_MOSI/ I2S3_SD | - | - | CAN1_RX | - | - | FMC_D2 | - | - | EVENT OUT |
| | PD1 | - | - | - | - | - | - | - | SPI2_NSS/ I2S2_WS | - | CAN1_TX | - | - | FMC_D3 | - | - | EVENT OUT |
| | PD2 | - | - | TIM3_ETR | - | - | - | - | - | UART5_RX | - | - | - | SDIO_CMD | DCMI_D11 | - | EVENT OUT |
| | PD3 | TRACE D1 | - | - | - | - | SPI2_SCK/ I2S2_CK | - | USART2_CTS | - | QUADSPI_CLK | - | - | FMC_CLK | DCMI_D5 | - | EVENT OUT |
| | PD4 | - | - | - | - | - | - | - | USART2_RTS | - | - | - | - | FMC_NOE | - | - | EVENT OUT |
| | PD5 | - | - | - | - | - | - | - | USART2_TX | - | - | - | - | FMC_NWE | - | - | EVENT OUT |
| | PD6 | - | - | - | - | - | SPI3_MOSI/ I2S3_SD | SAI1_SD_A | USART2_RX | - | - | - | - | FMC_NWAIT | DCMI_D10 | - | EVENT OUT |
| | PD7 | - | - | - | - | - | - | - | USART2_CK | SPDIF_RX0 | - | - | - | FMC_NE1 | - | - | EVENT OUT |
| | PD8 | - | - | - | - | - | - | - | USART3_TX | SPDIF_RX1 | - | - | - | FMC_D13 | - | - | EVENT OUT |
| | PD9 | - | - | - | - | - | - | - | USART3_RX | - | - | - | - | FMC_D14 | - | - | EVENT OUT |
| | PD10 | - | - | - | - | - | - | - | USART3_CK | - | - | - | - | FMC_D15 | - | - | EVENT OUT |
| | PD11 | - | - | - | - | FMPI2C1_SMBA | - | - | USART3_CTS | - | QUADSPI_BK1_IO0 | SAI2_SD_A | - | FMC_A16 | - | - | EVENT OUT |
| | PD12 | - | - | TIM4_CH1 | - | FMPI2C1_SCL | - | - | USART3_RTS | - | QUADSPI_BK1_IO1 | SAI2_FS_A | - | FMC_A17 | - | - | EVENT OUT |
| | PD13 | - | - | TIM4_CH2 | - | FMPI2C1_SDA | - | - | - | - | QUADSPI_BK1_IO3 | SAI2_SCK_A | - | FMC_A18 | - | - | EVENT OUT |
| | PD14 | - | - | TIM4_CH3 | - | FMPI2C1_SCL | - | - | - | SAI2_SCK_A | - | - | - | FMC_D0 | - | - | EVENT OUT |
| | PD15 | - | - | TIM4_CH4 | - | FMPI2C1_SDA | - | - | - | - | - | - | - | FMC_D1 | - | - | EVENT OUT |

Table 11. Alternate function (continued)

| Port | | AF0 | AF1 | AF2 | AF3 | AF4 | AF5 | AF6 | AF7 | AF8 | AF9 | AF10 | AF11 | AF12 | AF13 | AF14 | AF15 |
|--------|------|--------------|-----------|----------|--------------------------|--------------------|----------------|-------------------|---|--|---------------------------------------|--|---------|--------------------------|---------|------|--------------|
| | | SYS | TIM1/2 | TIM3/4/5 | TIM8/9/ 10/11/ CEC | I2C1/2/3 /4/CEC | SPI1/2/3/ 4 | SPI2/3/4/ SAI1 | SPI2/3/ USART1/ 2/3/UART 5/SPDIFR X | SAI/ USART6/ UART4/5/ SPDIFRX | CAN1/2 TIM12/13/ 14/ QUADSPI | SAI2/ QUADSPI/ OTG2_HS/ OTG1_FS | OTG1_FS | FMC/ SDIO/ OTG2_FS | DCMI | - | SYS |
| Port E | PE0 | - | - | TIM4_ETR | - | - | - | - | - | - | - | SAI2_ MCLK_A | - | FMC_ NBL0 | DCMI_D2 | - | EVENT OUT |
| | PE1 | - | - | - | - | - | - | - | - | - | - | - | - | FMC_ NBL1 | DCMI_D3 | - | EVENT OUT |
| | PE2 | TRACE CLK | - | - | - | - | SPI4_SCK | SAI1_ MCLK_A | - | - | QUADSPI_ BK1_IO2 | - | - | FMC_A23 | - | - | EVENT OUT |
| | PE3 | TRACE D0 | - | - | - | - | - | SAI1_ SD_B | - | - | - | - | - | FMC_A19 | - | - | EVENT OUT |
| | PE4 | TRACE D1 | - | - | - | - | SPI4_NSS | SAI1_ FS_A | - | - | - | - | - | FMC_A20 | DCMI_D4 | - | EVENT OUT |
| | PE5 | TRACE D2 | - | - | TIM9_CH1 | - | SPI4_MISO | SAI1_ SCK_A | - | - | - | - | - | FMC_A21 | DCMI_D6 | - | EVENT OUT |
| | PE6 | TRACE D3 | - | - | TIM9_CH2 | - | SPI4_MOSI | SAI1_ SD_A | - | - | - | - | - | FMC_A22 | DCMI_D7 | - | EVENT OUT |
| | PE7 | - | TIM1_ETR | - | - | - | - | - | - | UART5_RX | - | QUADSPI_ BK2_IO0 | - | FMC_D4 | - | - | EVENT OUT |
| | PE8 | - | TIM1_CH1N | - | - | - | - | - | - | UART5_TX | - | QUADSPI_ BK2_IO1 | - | FMC_D5 | - | - | EVENT OUT |
| | PE9 | - | TIM1_CH1 | - | - | - | - | - | - | - | - | QUADSPI_ BK2_IO2 | - | FMC_D6 | - | - | EVENT OUT |
| | PE10 | - | TIM1_CH2N | - | - | - | - | - | - | - | - | QUADSPI_ BK2_IO3 | - | FMC_D7 | - | - | EVENT OUT |
| | PE11 | - | TIM1_CH2 | - | - | - | SPI4_NSS | - | - | - | - | SAI2_ SD_B | - | FMC_D8 | - | - | EVENT OUT |
| | PE12 | - | TIM1_CH3N | - | - | - | SPI4_SCK | - | - | - | - | SAI2_ SCK_B | - | FMC_D9 | - | - | EVENT OUT |
| | PE13 | - | TIM1_CH3 | - | - | - | SPI4_MISO | - | - | - | - | SAI2_ FS_B | - | FMC_D10 | - | - | EVENT OUT |
| | PE14 | - | TIM1_CH4 | - | - | - | SPI4_MOSI | - | - | - | - | SAI2_ MCLK_B | - | FMC_D11 | - | - | EVENT OUT |
| | PE15 | - | TIM1_BKIN | - | - | - | - | - | - | - | - | - | - | FMC_D12 | - | - | EVENT OUT |



Table 11. Alternate function (continued)

| Port | | AF0 | AF1 | AF2 | AF3 | AF4 | AF5 | AF6 | AF7 | AF8 | AF9 | AF10 | AF11 | AF12 | AF13 | AF14 | AF15 |
|--------|------|-----|--------|----------|--------------------------|--------------------|----------------|-------------------|---|--|---------------------------------------|--|---------|--------------------------|--------------|------|--------------|
| | | SYS | TIM1/2 | TIM3/4/5 | TIM8/9/ 10/11/ CEC | I2C1/2/3 /4/CEC | SPI1/2/3/ 4 | SPI2/3/4/ SAI1 | SPI2/3/ USART1/ 2/3/UART 5/SPDIFR X | SAI/ USART6/ UART4/5/ SPDIFRX | CAN1/2 TIM12/13/ 14/ QUADSPI | SAI2/ QUADSPI/ OTG2_HS/ OTG1_FS | OTG1_FS | FMC/ SDIO/ OTG2_FS | DCMI | - | SYS |
| Port F | PF0 | - | - | - | - | I2C2_ SDA | - | - | - | - | - | - | - | FMC_A0 | - | - | EVENT OUT |
| | PF1 | - | - | - | - | I2C2_ SCL | - | - | - | - | - | - | - | FMC_A1 | - | - | EVENT OUT |
| | PF2 | - | - | - | - | I2C2_ SMBA | - | - | - | - | - | - | - | FMC_A2 | - | - | EVENT OUT |
| | PF3 | - | - | - | - | - | - | - | - | - | - | - | - | FMC_A3 | - | - | EVENT OUT |
| | PF4 | - | - | - | - | - | - | - | - | - | - | - | - | FMC_A4 | - | - | EVENT OUT |
| | PF5 | - | - | - | - | - | - | - | - | - | - | - | - | FMC_A5 | - | - | EVENT OUT |
| | PF6 | - | - | - | TIM10_ CH1 | - | - | SAI1_ SD_B | - | - | QUADSPI_ BK1_IO3 | - | - | - | - | - | EVENT OUT |
| | PF7 | - | - | - | TIM11_ CH1 | - | - | SAI1_ MCLK_B | - | - | QUADSPI_ BK1_IO2 | - | - | - | - | - | EVENT OUT |
| | PF8 | - | - | - | - | - | - | SAI1_ SCK_B | - | - | TIM13_CH1 | QUADSPI_ BK1_IO0 | - | - | - | - | EVENT OUT |
| | PF9 | - | - | - | - | - | - | SAI1_ FS_B | - | - | TIM14_CH1 | QUADSPI_ BK1_IO1 | - | - | - | - | EVENT OUT |
| | PF10 | - | - | - | - | - | - | - | - | - | - | - | - | - | DCMI_ D11 | - | EVENT OUT |
| | PF11 | - | - | - | - | - | - | - | - | - | - | SAI2_SD_B | - | FMC_ SDNRAS | DCMI_ D12 | - | EVENT OUT |
| | PF12 | - | - | - | - | - | - | - | - | - | - | - | - | FMC_A6 | - | - | EVENT OUT |
| | PF13 | - | - | - | - | FMPI2C1_ SMBA | - | - | - | - | - | - | - | FMC_A7 | - | - | EVENT OUT |
| | PF14 | - | - | - | - | FMPI2C1_ SCL | - | - | - | - | - | - | - | FMC_A8 | - | - | EVENT OUT |
| | PF15 | - | - | - | - | FMPI2C1_ SDA | - | - | - | - | - | - | - | FMC_A9 | - | - | EVENT OUT |

Table 11. Alternate function (continued)

| Port | | AF0 | AF1 | AF2 | AF3 | AF4 | AF5 | AF6 | AF7 | AF8 | AF9 | AF10 | AF11 | AF12 | AF13 | AF14 | AF15 |
|--------|------|-------------|--------|----------|--------------------------|--------------------|----------------|-------------------|---|--|---------------------------------------|--|---------|--------------------------|-------------------------------|------|--------------|
| | | SYS | TIM1/2 | TIM3/4/5 | TIM8/9/ 10/11/ CEC | I2C1/2/3 I4/CEC | SPI1/2/3/ 4 | SPI2/3/4/ SAI1 | SPI2/3/ USART1/ 2/3/UART 5/SPDIFR X | SAI/ USART6/ UART4/5/ SPDIFRX | CAN1/2 TIM12/13/ 14/ QUADSPI | SAI2/ QUADSPI/ OTG2_HS/ OTG1_FS | OTG1_FS | FMC/ SDIO/ OTG2_FS | DCMI | - | SYS |
| Port G | PG0 | - | - | - | - | - | - | - | - | - | - | - | - | FMC_A10 | - | - | EVENT OUT |
| | PG1 | - | - | - | - | - | - | - | - | - | - | - | - | FMC_A11 | - | - | EVENT OUT |
| | PG2 | - | - | - | - | - | - | - | - | - | - | - | - | FMC_A12 | - | - | EVENT OUT |
| | PG3 | - | - | - | - | - | - | - | - | - | - | - | - | FMC_A13 | - | - | EVENT OUT |
| | PG4 | - | - | - | - | - | - | - | - | - | - | - | - | FMC_A14/ FMC_BA0 | - | - | EVENT OUT |
| | PG5 | - | - | - | - | - | - | - | - | - | - | - | - | FMC_A15/ FMC_BA1 | - | - | EVENT OUT |
| | PG6 | - | - | - | - | - | - | - | - | - | - | QUADSPI_ BK1_NCS | - | - | DCMI_ D12 | - | EVENT OUT |
| | PG7 | - | - | - | - | - | - | - | - | USART6_C K | - | - | - | FMC_INT | DCMI_ D13 | - | EVENT OUT |
| | PG8 | - | - | - | - | - | - | - | SPDIFRX_ IN2 | USART6_R TS | - | - | - | FMC_ SDCLK | - | - | EVENT OUT |
| | PG9 | - | - | - | - | - | - | - | SPDIFRX_ IN3 | USART6_R X | QUADSPI_ BK2_IO2 | SAI2_FS_B | - | FMC_NE2/ FMC_NCE3 | DCMI_ VSYNC ⁽¹⁾ | - | EVENT OUT |
| | PG10 | - | - | - | - | - | - | - | - | - | - | SAI2_SD_B | - | FMC_NE3 | DCMI_D2 | - | EVENT OUT |
| | PG11 | - | - | - | - | - | - | SPI4_ SCK | SPDIFRX_ IN0 | - | - | - | - | - | DCMI_D3 | - | EVENT OUT |
| | PG12 | - | - | - | - | - | - | SPI4_ MISO | SPDIFRX_ IN1 | USART6_R TS | - | - | - | FMC_NE4 | - | - | EVENT OUT |
| | PG13 | TRACE D2 | - | - | - | - | - | SPI4_ MOSI | - | USART6_C TS | - | - | - | FMC_A24 | - | - | EVENT OUT |
| | PG14 | TRACE D3 | - | - | - | - | - | SPI4_ NSS | - | USART6_T X | QUADSPI_ BK2_IO3 | - | - | FMC_A25 | - | - | EVENT OUT |
| | PG15 | - | - | - | - | - | - | - | - | USART6_C TS | - | - | - | FMC_ SDNCAS | DCMI_ D13 | - | EVENT OUT |

Table 11. Alternate function (continued)

| Port | | AF0 | AF1 | AF2 | AF3 | AF4 | AF5 | AF6 | AF7 | AF8 | AF9 | AF10 | AF11 | AF12 | AF13 | AF14 | AF15 |
|--------|-----|-----|--------|----------|--------------------------|--------------------|----------------|-------------------|---|--|---------------------------------------|--|---------|--------------------------|------|------|--------------|
| | | SYS | TIM1/2 | TIM3/4/5 | TIM8/9/ 10/11/ CEC | I2C1/2/3 /4/CEC | SPI1/2/3/ 4 | SPI2/3/4/ SAI1 | SPI2/3/ USART1/ 2/3/UART 5/SPDIFR X | SAI/ USART6/ UART4/5/ SPDIFRX | CAN1/2 TIM12/13/ 14/ QUADSPI | SAI2/ QUADSPI/ OTG2_HS/ OTG1_FS | OTG1_FS | FMC/ SDIO/ OTG2_FS | DCMI | - | SYS |
| Port H | PH0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | EVENT OUT |
| | PH1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | EVENT OUT |

1. The DCMI_VSYNC alternate function on PG9 is only available on silicon revision 3.