

Table 14. STM32F303xD/E alternate function mapping

Port		AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
		SYS_AF	TIM2/15/ 16/17/E VENT	I2C3/TIM1 /2/3/4/8/20 /15/GPCO MP1	I2C3/TIM 8/20/15/G PCOMP7 /TSC	I2C1/2/TI M1/8/16/1 7	SPI1/SPI2 /I2S2/SPI3 /I2S3/SPI4 /UART4/5/ TIM8/Infra red	SPI2/I2S2/ SPI3/I2S3/ TIM1/8/20/ Infrared	USART1/ 2/3/CAN/ GPCOMP 3/5/6	I2C3/GPC OMP1/2/3/ 4/5/6	CAN/TIM1 /8/15	TIM2/3/ 4/8/17	TIM1/8	SDIO/FS MC/TIM1	-	-	EVENT
Port A	PA0	-	TIM2_ CH1/TIM 2_ETR	-	TSC_G1 _IO1	-	-	-	USART2_ CTS	COMP1_ OUT	TIM8_ BKIN	TIM8_ ETR	-	-	-	-	EVENT OUT
	PA1	RTC_ REFIN	TIM2_ CH2	-	TSC_G1 _IO2	-	-	-	USART2_ RTS	-	TIM15_ CH1N	-	-	-	-	-	EVENT OUT
	PA2	-	TIM2_ CH3	-	TSC_G1 _IO3	-	-	-	USART2_ TX	COMP2_ OUT	TIM15_ CH1	-	-	-	-	-	EVENT OUT
	PA3	-	TIM2_ CH4	-	TSC_G1 _IO4	-	-	-	USART2_ RX	-	TIM15_ CH2	-	-	-	-	-	EVENT OUT
	PA4	-		TIM3_ CH2	TSC_G2 _IO1	-	SPI1_NSS	SPI3_NSS /I2S3_WS	USART2_ CK	-	-	-	-	-	-	-	EVENT OUT
	PA5	-	TIM2_ CH1/TIM 2_ETR	-	TSC_G2 _IO2	-	SPI1_SCK	-	-	-	-	-	-	-	-	-	EVENT OUT
	PA6	-	TIM16_ CH1	TIM3_ CH1	TSC_G2 _IO3	TIM8_BKI N	SPI1_ MISO	TIM1_ BKIN	-	COMP1_ OUT	-	-	-	-	-	-	EVENT OUT
	PA7	-	TIM17_ CH1	TIM3_ CH2	TSC_G2 _IO4	TIM8_CH 1N	SPI1_ MOSI	TIM1_ CH1N	-	-	-	-	-	-	-	-	EVENT OUT
	PA8	MCO	-	-	I2C3_ SCL	I2C2_ SMBAL	I2S2_ MCK	TIM1_ CH1	USART1_ CK	COMP3_ OUT	-	TIM4_ ETR	-	-	-	-	EVENT OUT
	PA9	-	-	I2C3_ SMBAL	TSC_G4 _IO1	I2C2_SCL	I2S3_ MCK	TIM1_ CH2	USART1_ TX	COMP5_ OUT	TIM15_ BKIN	TIM2_ CH3	-	-	-	-	EVENT OUT



Table 14. STM32F303xD/E alternate function mapping (continued)

Port		AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
		SYS_AF	TIM2/15/ 16/17/E VENT	I2C3/TIM1 /2/3/4/8/20 /15/GPCO MP1	I2C3/TIM 8/20/15/G PCOMP7 /TSC	I2C1/2/TI M1/8/16/1 7	SPI1/SPI2 /I2S2/SPI3 /I2S3/SPI4 /UART4/5/ TIM8/Infra red	SPI2/I2S2/ SPI3/I2S3/ TIM1/8/20/ Infrared	USART1/ 2/3/CAN/ GPCOMP 3/5/6	I2C3/GPC OMP1/2/3/ 4/5/6	CAN/TIM1 /8/15	TIM2/3/ 4/8/17	TIM1/8	SDIO/FS MC/TIM1	-	-	EVENT
Port A	PA10	-	TIM17_ BKIN	-	TSC_G4 _IO2	I2C2_SDA	SPI2_MIS O/I2S2ext _SD	TIM1_ CH3	USART1_ RX	COMP6_ OUT	-	TIM2_ CH4	TIM8_B KIN	-	-	-	EVENT OUT
	PA11	-	-	-	-	-	SPI2_MO SI/I2S2_ SD	TIM1_ CH1N	USART1_ CTS	COMP1_ OUT	CAN_RX	TIM4_ CH1	TIM1_ CH4	TIM1_ BKIN2	-	-	EVENT OUT
	PA12	-	TIM16_ CH1	-	-	-	I2SCKIN	TIM1_ CH2N	USART1_ RTS	COMP2_ OUT	CAN_TX	TIM4_ CH2	TIM1_ ETR	-	-	-	EVENT OUT
	PA13	SWDIO- JTMS	TIM16_ CH1N	-	TSC_G4 _IO3	-	IR-OUT	-	USART3_ CTS	-	-	TIM4_ CH3	-	-	-	-	EVENT OUT
	PA14	SWCLK- JTCK	-	-	TSC_G4 _IO4	I2C1_SDA	TIM8_ CH2	TIM1_ BKIN	USART2_ TX	-	-	-	-	-	-	-	EVENT OUT
	PA15	JTDI	TIM2_ CH1/TIM 2_ETR	TIM8_ CH1	TSC_ SYNC	I2C1_SCL	SPI1_NSS	SPI3_NSS /I2S3_WS	USART2_ RX	-	TIM1_ BKIN	-	-	-	-	-	EVENT OUT
Port B	PB0	-	-	TIM3_ CH3	TSC_G3 _IO2	TIM8_ CH2N	-	TIM1_ CH2N	-	-	-	-	-	-	-	-	EVENT OUT
	PB1	-	-	TIM3_ CH4	TSC_G3 _IO3	TIM8_ CH3N	-	TIM1_ CH3N	-	COMP4_ OUT	-	-	-	-	-	-	EVENT OUT
	PB2	-	-	-	TSC_G3 _IO4	-	-	-	-	-	-	-	-	-	-	-	EVENT OUT
	PB3	JTDO- TRACES WO	TIM2_ CH2	TIM4_ ETR	TSC_G5 _IO1	TIM8_ CH1N	SPI1_SCK	SPI3_SCK /I2S3_CK	USART2_ TX	-	-	TIM3_ ETR	-	-	-	-	EVENT OUT

Table 14. STM32F303xD/E alternate function mapping (continued)

Port		AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
		SYS_AF	TIM2/15/ 16/17/E VENT	I2C3/TIM1 /2/3/4/8/20 /15/GPCOMP1	I2C3/TIM 8/20/15/G PCOMP7 /TSC	I2C1/2/TI M1/8/16/1 7	SPI1/SPI2 /I2S2/SPI3 /I2S3/SPI4 /UART4/5/ TIM8/Infra red	SPI2/I2S2/ SPI3/I2S3/ TIM1/8/20/ Infrared	USART1/ 2/3/CAN/ GPCOMP 3/5/6	I2C3/GPC OMP1/2/3/ 4/5/6	CAN/TIM1 /8/15	TIM2/3/ 4/8/17	TIM1/8	SDIO/FS MC/TIM1	-	-	EVENT
Port B	PB4	JTRST	TIM16_ CH1	TIM3_ CH1	TSC_G5 _IO2	TIM8_ CH2N	SPI1_ MISO	SPI3_MIS O/I2S3ext _SD	USART2_ RX	-	-	TIM17_ BKIN	-	-	-	-	EVENT OUT
	PB5	-	TIM16_ BKIN	TIM3_ CH2	TIM8_ CH3N	I2C1_ SMBAl	SPI1_ MOSI	SPI3_MO SI/I2S3_ SD	USART2_ CK	I2C3_SDA	-	TIM17_ CH1	-	-	-	-	EVENT OUT
	PB6	-	TIM16_ CH1N	TIM4_ CH1	TSC_G5 _IO3	I2C1_SCL	TIM8_ CH1	TIM8_ ETR	USART1_ TX	-	-	TIM8_ BKIN2	-	-	-	-	EVENT OUT
	PB7	-	TIM17_ CH1N	TIM4_ CH2	TSC_G5 _IO4	I2C1_SDA	TIM8_ BKIN	-	USART1_ RX	-	-	TIM3_ CH4	-	FMC_ NADV	-	-	EVENT OUT
	PB8	-	TIM16_ CH1	TIM4_ CH3	TSC_ SYNC	I2C1_SCL	-	-	USART3_ RX	COMP1_ OUT	CAN_RX	TIM8_ CH2	-	TIM1_ BKIN	-	-	EVENT OUT
	PB9	-	TIM17_ CH1	TIM4_ CH4	-	I2C1_SDA	-	IR-OUT	USART3_ TX	COMP2_ OUT	CAN_TX	TIM8_ CH3	-	-	-	-	EVENT OUT
	PB10	-	TIM2_ CH3	-	TSC_ SYNC	-	-	-	USART3_ TX	-	-	-	-	-	-	-	EVENT OUT
	PB11	-	TIM2_ CH4	-	TSC_G6 _IO1	-	-	-	USART3_ RX	-	-	-	-	-	-	-	EVENT OUT
	PB12	-	-	-	TSC_G6 _IO2	I2C2_ SMBAL	SPI2_NSS /I2S2_WS	TIM1_ BKIN	USART3_ CK	-	-	-	-	-	-	-	EVENT OUT
	PB13	-	-	-	TSC_G6 _IO3	-	SPI2_SCK /I2S2_CK	TIM1_ CH1N	USART3_ CTS	-	-	-	-	-	-	-	EVENT OUT



Table 14. STM32F303xD/E alternate function mapping (continued)

Port		AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
		SYS_AF	TIM2/15/ 16/17/E VENT	I2C3/TIM1 /2/3/4/8/20 /15/GPCOMP1	I2C3/TIM 8/20/15/G PCOMP7 /TSC	I2C1/2/TI M1/8/16/1 7	SPI1/SPI2 /I2S2/SPI3 /I2S3/SPI4 /UART4/5/ TIM8/Infra red	SPI2/I2S2/ SPI3/I2S3/ TIM1/8/20/ Infrared	USART1/ 2/3/CAN/ GPCOMP 3/5/6	I2C3/GPC OMP1/2/3/ 4/5/6	CAN/TIM1 /8/15	TIM2/3/ 4/8/17	TIM1/8	SDIO/FS MC/TIM1	-	-	EVENT
Port B	PB14	-	TIM15_ CH1	-	TSC_G6 _IO4	-	SPI2_MIS O/I2S2ext _SD	TIM1_ CH2N	USART3_ RTS	-	-	-	-	-	-	-	EVENT OUT
	PB15	RTC_ REFIN	TIM15_ CH2	TIM15_ CH1N	-	TIM1_ CH3N	SPI2_MO SI/I2S2_S D	-	-	-	-	-	-	-	-	-	EVENT OUT
Port C	PC0	-	EVENT OUT	TIM1_ CH1	-	-	-	-	-	-	-	-	-	-	-	-	-
	PC1	-	EVENT OUT	TIM1_ CH2	-	-	-	-	-	-	-	-	-	-	-	-	-
	PC2	-	EVENT OUT	TIM1_ CH3	COMP7_ OUT	-	-	-	-	-	-	-	-	-	-	-	-
	PC3	-	EVENT OUT	TIM1_ CH4	-	-	-	TIM1_ BKIN2	-	-	-	-	-	-	-	-	-
	PC4	-	EVENT OUT	TIM1_ ETR	-	-	-	-	USART1_ TX	-	-	-	-	-	-	-	-
	PC5	-	EVENT OUT	TIM15_ BKIN	TSC_G3 _IO1	-	-	-	USART1_ RX	-	-	-	-	-	-	-	-
	PC6	-	EVENT OUT	TIM3_ CH1	-	TIM8_ CH1	-	I2S2_ MCK	COMP6_ OUT	-	-	-	-	-	-	-	-
	PC7	-	EVENT OUT	TIM3_ CH2	-	TIM8_ CH2	-	I2S3_ MCK	COMP5_ OUT	-	-	-	-	-	-	-	-
	PC8	-	EVENT OUT	TIM3_ CH3	-	TIM8_ CH3	-	-	COMP3_ OUT	-	-	-	-	-	-	-	-
	PC9	-	EVENT OUT	TIM3_ CH4	I2C3_ SDA	TIM8_ CH4	I2SCKIN	TIM8_ BKIN2	-	-	-	-	-	-	-	-	-

Table 14. STM32F303xD/E alternate function mapping (continued)

Port		AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
		SYS_AF	TIM2/15/ 16/17/E VENT	I2C3/TIM1 /2/3/4/8/20 /15/GPCOMP1	I2C3/TIM 8/20/15/G PCOMP7 /TSC	I2C1/2/TI M1/8/16/1 7	SPI1/SPI2 /I2S2/SPI3 /I2S3/SPI4 /UART4/5/ TIM8/Infra red	SPI2/I2S2/ SPI3/I2S3/ TIM1/8/20/ Infrared	USART1/ 2/3/CAN/ GPCOMP 3/5/6	I2C3/GPC OMP1/2/3/ 4/5/6	CAN/TIM1 /8/15	TIM2/3/ 4/8/17	TIM1/8	SDIO/FS MC/TIM1	-	-	EVENT
Port C	PC10	-	EVENT OUT	-	-	TIM8_ CH1N	UART4_ TX	SPI3_SCK /I2S3_CK	USART3_ TX	-	-	-	-	-	-	-	-
	PC11	-	EVENT OUT	-	-	TIM8_ CH2N	UART4_ RX	SPI3_MIS O/I2S3ext _SD	USART3_ RX	-	-	-	-	-	-	-	-
	PC12	-	EVENT OUT	-	-	TIM8_ CH3N	UART5_ TX	SPI3_MO SI/I2S3_ SD	USART3_ CK	-	-	-	-	-	-	-	-
	PC13	-	EVENT OUT	-	-	TIM1_ CH1N	-	-	-	-	-	-	-	-	-	-	-
	PC14	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PC15	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Port D	PD0	-	EVENT OUT	-	-	-	-	-	CAN_RX	-	-	-	-	FMC_D2	-	-	-
	PD1	-	EVENT OUT	-	-	TIM8_ CH4	-	TIM8_ BKIN2	CAN_TX	-	-	-	-	FMC_D3	-	-	-
	PD2	-	EVENT OUT	TIM3_ ETR	-	TIM8_ BKIN	UART5_ RX	-	-	-	-	-	-	-	-	-	-
	PD3	-	EVENT OUT	TIM2_CH 1/TIM2_ ETR	-	-	-	-	USART2_ CTS	-	-	-	-	FMC_ CLK	-	-	-
	PD4	-	EVENT OUT	TIM2_ CH2	-	-	-	-	USART2_ RTS	-	-	-	-	FMC_ NOE	-	-	-



Table 14. STM32F303xD/E alternate function mapping (continued)

Port		AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
		SYS_AF	TIM2/15/ 16/17/E VENT	I2C3/TIM1 /2/3/4/8/20 /15/GPCOMP1	I2C3/TIM 8/20/15/G PCOMP7 /TSC	I2C1/2/TI M1/8/16/1 7	SPI1/SPI2 /I2S2/SPI3 /I2S3/SPI4 /UART4/5/ TIM8/Infra red	SPI2/I2S2/ SPI3/I2S3/ TIM1/8/20/ Infrared	USART1/ 2/3/CAN/ GPCOMP 3/5/6	I2C3/GPC OMP1/2/3/ 4/5/6	CAN/TIM1 /8/15	TIM2/3/ 4/8/17	TIM1/8	SDIO/FS MC/TIM1	-	-	EVENT
PortD	PD5	-	EVENT OUT	-	-	-	-	-	USART2_ TX	-	-	-	-	FMC_ NWE	-	-	-
	PD6	-	EVENT OUT	TIM2_ CH4	-	-	-	-	USART2_ RX	-	-	-	-	FMC_ NWAIT	-	-	-
	PD7	-	EVENT OUT	TIM2_ CH3	-	-	-	-	USART2_ CK	-	-	-	-	FMC_NE 1/FMC_ NCE2	-	-	-
	PD8	-	EVENT OUT	-	-	-	-	-	USART3_ TX	-	-	-	-	FMC_ D13	-	-	-
	PD9	-	EVENT OUT	-	-	-	-	-	USART3_ RX	-	-	-	-	FMC_ D14	-	-	-
	PD10	-	EVENT OUT	-	-	-	-	-	USART3_ CK	-	-	-	-	FMC_ D15	-	-	-
	PD11	-	EVENT OUT	-	-	-	-	-	USART3_ CTS	-	-	-	-	FMC_ A16	-	-	-
	PD12	-	EVENT OUT	TIM4_ CH1	TSC_G8 _IO1	-	-	-	USART3_ RTS	-	-	-	-	FMC_ A17	-	-	-
	PD13	-	EVENT OUT	TIM4_ CH2	TSC_G8 _IO2	-	-	-	-	-	-	-	-	FMC_ A18	-	-	-
	PD14	-	EVENT OUT	TIM4_ CH3	TSC_G8 _IO3	-	-	-	-	-	-	-	-	FMC_D0	-	-	-
	PD15	-	EVENT OUT	TIM4_ CH4	TSC_G8 _IO4	-	-	SPI2_NSS	-	-	-	-	-	FMC_D1	-	-	-

Table 14. STM32F303xD/E alternate function mapping (continued)

Port		AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
		SYS_AF	TIM2/15/ 16/17/E VENT	I2C3/TIM1 /2/3/4/8/20 /15/GPCOMP1	I2C3/TIM 8/20/15/G PCOMP7 /TSC	I2C1/2/TI M1/8/16/1 7	SPI1/SPI2 /I2S2/SPI3 /I2S3/SPI4 /UART4/5/ TIM8/Infra red	SPI2/I2S2/ SPI3/I2S3/ TIM1/8/20/ Infrared	USART1/ 2/3/CAN/ GPCOMP 3/5/6	I2C3/GPC OMP1/2/3/ 4/5/6	CAN/TIM1 /8/15	TIM2/3/ 4/8/17	TIM1/8	SDIO/FS MC/TIM1	-	-	EVENT
PortE	PE0	-	EVENT OUT	TIM4_ ETR	-	TIM16_ CH1	-	TIM20_ ETR	USART1_ TX	-	-	-	-	FMC_ NBL0	-	-	-
	PE1	-	EVENT OUT	-	-	TIM17_ CH1	-	TIM20_ CH4	USART1_ RX	-	-	-	-	FMC_ NBL1	-	-	-
	PE2	TRACECK	EVENT OUT	TIM3_ CH1	TSC_G7 _IO1	-	SPI4_SCK	TIM20_ CH1	-	-	-	-	-	FMC_ A23	-	-	-
	PE3	TRACED0	EVENT OUT	TIM3_ CH2	TSC_G7 _IO2	-	SPI4_NSS	TIM20_ CH2	-	-	-	-	-	FMC_ A19	-	-	-
	PE4	TRACED1	EVENT OUT	TIM3_ CH3	TSC_G7 _IO3	-	SPI4_NSS	TIM20_ CH1N	-	-	-	-	-	FMC_ A20	-	-	-
	PE5	TRACED2	EVENT OUT	TIM3_ CH4	TSC_G7 _IO4	-	SPI4_ MISO	TIM20_ CH2N	-	-	-	-	-	FMC_ A21	-	-	-
	PE6	TRACED3	EVENT OUT	-	-	-	SPI4_ MOSI	TIM20_ CH3N	-	-	-	-	-	FMC_ A22	-	-	-
	PE7	-	EVENT OUT	TIM1_ ETR	-	-	-	-	-	-	-	-	-	FMC_D4	-	-	-
	PE8	-	EVENT OUT	TIM1_ CH1N	-	-	-	-	-	-	-	-	-	FMC_D5	-	-	-
	PE9	-	EVENT OUT	TIM1_ CH1	-	-	-	-	-	-	-	-	-	FMC_D6	-	-	-
	PE10	-	EVENT OUT	TIM1_ CH2N	-	-	-	-	-	-	-	-	-	FMC_D7	-	-	-
	PE11	-	EVENT OUT	TIM1_ CH2	-	-	SPI4_NSS	-	-	-	-	-	-	FMC_D8	-	-	-



Table 14. STM32F303xD/E alternate function mapping (continued)

Port		AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
		SYS_AF	TIM2/15/ 16/17/E VENT	I2C3/TIM1 /2/3/4/8/20 /15/GPCOMP1	I2C3/TIM 8/20/15/G PCOMP7 /TSC	I2C1/2/TI M1/8/16/1 7	SPI1/SPI2 /I2S2/SPI3 /I2S3/SPI4 /UART4/5/ TIM8/Infra red	SPI2/I2S2/ SPI3/I2S3/ TIM1/8/20/ Infrared	USART1/ 2/3/CAN/ GPCOMP 3/5/6	I2C3/GPC OMP1/2/3/ 4/5/6	CAN/TIM1 /8/15	TIM2/3/ 4/8/17	TIM1/8	SDIO/FS MC/TIM1	-	-	EVENT
Port E	PE12	-	EVENT OUT	TIM1_ CH3N	-	-	SPI4_SCK	-	-	-	-	-	-	FMC_D9	-	-	-
	PE13	-	EVENT OUT	TIM1_ CH3	-	-	SPI4_ MISO	-	-	-	-	-	-	FMC_ D10	-	-	-
	PE14	-	EVENT OUT	TIM1_ CH4	-	-	SPI4_ MOSI	TIM1_ BKIN2	-	-	-	-	-	FMC_ D11	-	-	-
	PE15	-	EVENT OUT	TIM1_ BKIN	-	-	-	-	USART3_ RX	-	-	-	-	FMC_ D12	-	-	-
Port F	PF0	-	EVENT OUT	-	-	I2C2_SDA	SPI2_NSS /I2S2_WS	TIM1_ CH3N	-	-	-	-	-	-	-	-	-
	PF1	-	EVENT OUT	-	-	I2C2_SCL	SPI2_SCK /I2S2_CK	-	-	-	-	-	-	-	-	-	-
	PF2	-	EVENT OUT	TIM20_ CH3	-	-	-	-	-	-	-	-	-	FMC_A2	-	-	-
	PF3	-	EVENT OUT	TIM20_ CH4	-	-	-	-	-	-	-	-	-	FMC_A3	-	-	-
	PF4	-	EVENT OUT	COMP1_ OUT	TIM20_ CH1N	-	-	-	-	-	-	-	-	FMC_A4	-	-	-
	PF5	-	EVENT OUT	TIM20_ CH2N	-	-	-	-	-	-	-	-	-	FMC_A5	-	-	-
	PF6	-	EVENT OUT	TIM4_ CH4	-	I2C2_SCL	-	-	USART3_ RTS	-	-	-	-	FMC_ NIORD	-	-	-
	PF7	-	EVENT OUT	TIM20_ BKIN	-	-	-	-	-	-	-	-	-	FMC_ NREG	-	-	-



Table 14. STM32F303xD/E alternate function mapping (continued)

Port		AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
		SYS_AF	TIM2/15/ 16/17/E VENT	I2C3/TIM1 /2/3/4/8/20 /15/GPCOMP1	I2C3/TIM 8/20/15/G PCOMP7 /TSC	I2C1/2/TI M1/8/16/1 7	SPI1/SPI2 /I2S2/SPI3 /I2S3/SPI4 /UART4/5/ TIM8/Infra red	SPI2/I2S2/ SPI3/I2S3/ TIM1/8/20/ Infrared	USART1/ 2/3/CAN/ GPCOMP 3/5/6	I2C3/GPC OMP1/2/3/ 4/5/6	CAN/TIM1 /8/15	TIM2/3/ 4/8/17	TIM1/8	SDIO/FS MC/TIM1	-	-	EVENT
Port F	PF8	-	EVENT OUT	TIM20_ BKIN2	-	-	-	-	-	-	-	-	-	FMC_ NIOWR	-	-	-
	PF9	-	EVENT OUT	TIM20_ BKIN	TIM15_ CH1	-	SPI2_SCK	-	-	-	-	-	-	FMC_CD	-	-	-
	PF10	-	EVENT OUT	TIM20_ BKIN2	TIM15_ CH2	-	SPI2_SCK	-	-	-	-	-	-	FMC_ INTR	-	-	-
	PF11	-	EVENT OUT	TIM20_ ETR	-	-	-	-	-	-	-	-	-	-	-	-	-
	PF12	-	EVENT OUT	TIM20_ CH1	-	-	-	-	-	-	-	-	-	FMC_A6	-	-	-
	PF13	-	EVENT OUT	TIM20_ CH2	-	-	-	-	-	-	-	-	-	FMC_A7	-	-	-
	PF14	-	EVENT OUT	TIM20_ CH3	-	-	-	-	-	-	-	-	-	FMC_A8	-	-	-
	PF15	-	EVENT OUT	TIM20_ CH4	-	-	-	-	-	-	-	-	-	FMC_A9	-	-	-
Port G	PG0	-	EVENT OUT	TIM20_ CH1N	-	-	-	-	-	-	-	-	-	FMC_ A10	-	-	-
	PG1	-	EVENT OUT	TIM20_ CH2N	-	-	-	-	-	-	-	-	-	FMC_ A11	-	-	-
	PG2	-	EVENT OUT	TIM20_ CH3N	-	-	-	-	-	-	-	-	-	FMC_ A12	-	-	-
	PG3	-	EVENT OUT	TIM20_ BKIN	-	-	-	-	-	-	-	-	-	FMC_ A13	-	-	-
	PG4	-	EVENT OUT	TIM20_ BKIN2	-	-	-	-	-	-	-	-	-	FMC_ A14	-	-	-



Table 14. STM32F303xD/E alternate function mapping (continued)

Port		AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
		SYS_AF	TIM2/15/ 16/17/E VENT	I2C3/TIM1 2/3/4/8/20 15/GPCOMP1	I2C3/TIM 8/20/15/G PCOMP7 /TSC	I2C1/2/TI M1/8/16/1 7	SPI1/SPI2 /I2S2/SPI3 /I2S3/SPI4 /UART4/5/ TIM8/Infra red	SPI2/I2S2/ SPI3/I2S3/ TIM1/8/20/ Infrared	USART1/ 2/3/CAN/ GPCOMP 3/5/6	I2C3/GPC OMP1/2/3/ 4/5/6	CAN/TIM1 /8/15	TIM2/3/ 4/8/17	TIM1/8	SDIO/FS MC/TIM1	-	-	EVENT
Port G	PG5	-	EVENT OUT	TIM20_ ETR	-	-	-	-	-	-	-	-	-	FMC_ A15	-	-	-
	PG6	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	FMC_ INT2	-	-	-
	PG7	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	FMC_ INT3	-	-	-
	PG8	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PG9	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	FMC_NE 2/FMC_ NCE3	-	-	-
	PG10	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	FMC_ NCE4_1/ FMC_ NE3	-	-	-
	PG11	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	FMC_ NCE4_2	-	-	-
	PG12	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	FMC_ NE4	-	-	-
	PG13	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	FMC_ A24	-	-	-
	PG14	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	FMC_ A25	-	-	-
	PG15	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 14. STM32F303xD/E alternate function mapping (continued)

Port		AF0	AF1	AF2	AF3	AF4	AF5	AF6	AF7	AF8	AF9	AF10	AF11	AF12	AF13	AF14	AF15
		SYS_AF	TIM2/15/ 16/17/E VENT	I2C3/TIM1 /2/3/4/8/20 /15/GPCOMP1	I2C3/TIM 8/20/15/G PCOMP7 /TSC	I2C1/2/TI M1/8/16/1 7	SPI1/SPI2 /I2S2/SPI3 /I2S3/SPI4 /UART4/5/ TIM8/Infra red	SPI2/I2S2/ SPI3/I2S3/ TIM1/8/20/ Infrared	USART1/ 2/3/CAN/ GPCOMP 3/5/6	I2C3/GPC OMP1/2/3/ 4/5/6	CAN/TIM1 /8/15	TIM2/3/ 4/8/17	TIM1/8	SDIO/FS MC/TIM1	-	-	EVENT
Port H	PH0	-	EVENT OUT	TIM20_ CH1	-	-	-	-	-	-	-	-	-	FMC_A0	-	-	-
	PH1	-	EVENT OUT	TIM20_ CH2	-	-	-	-	-	-	-	-	-	FMC_A1	-	-	-
	PH2	-	EVENT OUT	-	-	-	-	-	-	-	-	-	-	-	-	-	-