Pin Name Main Function Alternate Function (Default Remap

1. VBAT VBAT
2. PC13-TAMPER-RTC PC13 TAMPER-RTC
3. PC14-OSC32\_IN PC14 OSC32\_IN
4. PC15-OSC32\_OUT PC15 OSC32\_OUT
5. OSC\_IN OSC\_IN
6. OSC\_OUT OSC\_OUT
7. NRST NRST
8. PC0 PC0 ADC12\_IN10
9. PC1 PC1 ADC12\_IN11
10. PC2 PC2 ADC12\_IN12
11. PC3 PC3 ADC12\_IN13
12. VSSA VSSA
13. VDDA VDDA
14. PA0-WKUP PA0 WKUP/USART2\_CTS/ADC12\_IN0/TIM2\_CH1\_ETR
15. PA1 PA1 USART2\_RTS/ADC12\_IN1/TIM2\_CH2
16. PA2 PA2 USART2\_TX/ADC12\_IN2/TIM2\_CH4
17. PA3 PA3 USART2\_RX/ADC12\_IN3/TIM2\_CH4
18. VSS\_4 VSS\_4
19. VDD\_4 VDD\_4
20. PA4 PA4 SPI1\_NSS/USART2\_CK/ADC12\_IN4
21. PA5 PA5 SPI1\_SCK/ADC12\_IN5
22. PA6 PA6 SPI1\_MISO/ADC12\_IN6/TIM3\_CH1
23. PA7 PA7 SPI1\_MOSI/ADC12\_IN7/TIM3\_CH2
24. PC4 PC4 ADC12\_IN14
25. PC5 PC5 ADC12\_IN15
26. PB0 PB0 ADC12\_IN8/TIM3\_CH3
27. PB1 PB1 ADC12\_IN9/TIM3\_CH4
28. PB2 PB2/BOOT1
29. PB10 PB10 I2C2\_SCL/USART3\_TX TIM2\_CH3
30. PB11 PB11 I2C2\_SDA/USART3\_RX TIM2\_CH4
31. VSS\_1 VSS\_1
32. VDD\_1 VDD\_1
33. PB12 PB12 SPI2\_NSS/I2C2\_SMBAI/USART3\_CK/TIM1\_BKIN
34. PB13 PB13 SPI2\_SCK/USART3\_CTS/TIM1\_CH1N
35. PB14 PB14 SPI2\_MISO/USART3\_RTS/TIM1\_CH2N
36. PB15 PB15 SPI2\_MOSI/TIM1\_CH3N
37. PC6 PC6 TIM3\_CH1
38. PC7 PC7 TIM3\_CH2
39. PC8 PC8 TIM3\_CH3
40. PC9 PC9 TIM3\_CH4
41. PA8 PA8 USART1\_CK/TIM1\_CH1/MCO
42. PA9 PA9 USART1\_TX/TIM1\_CH2
43. PA10 PA10 USART1\_RX/TIM1\_CH3
44. PA11 PA11 USART1\_CTS/CANRX/USBDM/TIM1\_ETR
45. PA12 PA12 USART1\_RTS/CANTX/USBDP TIM1\_ETR
46. PA13 JTMS/SWDIO PA13
47. VSS\_2 VSS\_2
48. VDD\_2 VDD\_2
49. PA14 JTCK/SWCLK PA14
50. PA15 JTDI TIM2\_CH1\_ETR/PA15/SPI1\_NSS
51. PC10 PC10 USART3\_TX
52. PC11 PC11 USART3\_RX
53. PC12 PC12 USART3\_CK
54. PD2 PD2 TIM3\_ETR
55. PB3 JTDO TIM2\_CH2/PB3 TRACESWO SPI1\_SCK
56. PB4 JNTRST TIM3\_CH1/PB4/SPI1\_MISO
57. PB5 PB5 I2C1\_SMBAI TIM3\_CH2/SPI1\_MOSI
58. PB6 PB6 I2C1\_SDA/TIM4\_CH2 USART1\_TX
59. PB7 PB7 I2C1\_SDA/TIM4\_CH2 USART1\_RX
60. BOOT0 BOOT0
61. PB8 PB8 TIM4\_CH3 I2C1\_SCL/CANRX
62. PB9 PB9 TIM4\_CH4 I2C1\_SDA/CANTX
63. VSS\_3 VSS\_3
64. VDD\_3 VDD\_3