

PIN	NAME	DEFAULT		
1	PE2	TRACECK/ FSMC_A23	STEPPER	
2	PE3	TRACED0/FSMC_A19	STEPPER	
3	PE4	TRACED1/FSMC_A20	STEPPER	
4	PE5	TRACED2/FSMC_A21	STEPPER	
5	PE6	TRACED3/FSMC_A22	STEPPER	
14	NRST	NRST	BUTTON SWD	
15	PC0	ADC123_IN10	STEPPER	
16	PC1	ADC123_IN11	STEPPER	
17	PC2	ADC123_IN12	STEPPER	
18	PC3	ADC123_IN13	STEPPER	
23	PA0-WKUP	WKUP/USART2_CTS/ ADC123_IN0 /TIM2_CH1_ETR /TIM5_CH1/TIM8_ETR	STEPPER	
24	PA1	USART2_RTS/ ADC123_IN1/ TIM5_CH2/TIM2_CH2	STEPPER	
25	PA2	USART2_TX/TIM5_CH3 /ADC123_IN2/ TIM2_CH3	STEPPER	
26	PA3	USART2_RX/TIM5_CH4 /ADC123_IN3/TIM2_CH4	STEPPER	
29	PA4	SPI1_NSS/ USART2_CK /DAC_OUT1/ADC12_IN4	STEPPER	
30	PA5	SPI1_SCK/ DAC_OUT2/ ADC12_IN5	H/T	4 Heater
31	PA6	SPI1_MISO /TIM8_BKIN/ADC12_IN6 /TIM3_CH1	H/T	3 Thermistor
32	PA7	SPI1_MOSI/ TIM8_CH1N/ADC12_IN7 /TIM3_CH2	H/T	
33	PC4	ADC12_IN14	H/T	
34	PC5	ADC12_IN15	H/T	
35	PB0	ADC12_IN8/TIM3_CH3 /TIM8_CH2N	H/T	
36	PB1	ADC12_IN9/TIM3_CH4/ TIM8_CH3N	H/T	
38	PE7	FSMC_D4	LCD	
39	PE8	FSMC_D5	LCD	
40	PE9	FSMC_D6	LCD	
41	PE10	FSMC_D7	LCD	
42	PE11	FSMC_D8	LCD	
43	PE12	FSMC_D9	LCD	
44	PE13	FSMC_D10	LCD	
45	PE14	FSMC_D11	LCD	
46	PE15	FSMC_D12	LCD	
47	PB10	I2C2_SCL/USART3_TX	LCD	

48 PB11	I2C2_SDA/USART3_RX	LCD	
51 PB12	SPI2_NSS/I2S2_WS/ I2C2_SMBA/ USART3_CK/ TIM1_BKIN	EXTRA	SPI
52 PB13	SPI2_SCK/I2S2_CK /USART3_CTS/ TIM1_CH1N	EXTRA	SPI
53 PB14	SPI2_MISO/TIM1_CH2N/ USART3_RTS	EXTRA	SPI
54 PB15	SPI2_MOSI/I2S2_SD /TIM1_CH3N	EXTRA	SPI
55 PD8	FSMC_D13	EXTRA	SPI
56 PD9	FSMC_D14	EXTRA	SPI
57 PD10	FSMC_D15	EXTRA	SERVO
58 PD11	FSMC_A16	EXTRA	SERVO
59 PD12	FSMC_A17	EXTRA	SERVO
60 PD13	FSMC_A18	EXTRA	SERVO
61 PD14	FSMC_D0	EXTRA	
62 PD15	FSMC_D1	EXTRA	
63 PC6	I2S2_MCK/ TIM8_CH1/SDIO_D6	EXTRA	
64 PC7	I2S3_MCK/ TIM8_CH2/SDIO_D7	EXTRA	
65 PC8	TIM8_CH3/SDIO_D0	EXTRA	
66 PC9	TIM8_CH4/SDIO_D1	EXTRA	
67 PA8	USART1_CK/ TIM1_CH1/MCO	EXTRA	
68 PA9	USART1_TX/ TIM1_CH2	UART1	
69 PA10	USART1_RX/ TIM1_CH3	UART1	
70 PA11	USART1_CTS/USBDM CAN_RX/TIM1_CH4	USB	
71 PA12	USART1_RTS/USBDP/ CAN_TX/TIM1_ETR	USB	
72 PA13	JTMS-SWDIO	SWD	
76 PA14	JTCK-SWCLK	SWD	
78 PC10	UART4_TX/SDIO_D2	EXTRA	
79 PC11	UART4_RX/SDIO_D3	EXTRA	
80 PC12	UART5_TX/SDIO_CK	EXTRA	UART5
83 PD2	TIM3_ETR/UART5_RX /SDIO_CMD	EXTRA	UART5
84 PD3	FSMC_CLK	ENDSTOP	
85 PD4	FSMC_NOE	ENDSTOP	
86 PD5	FSMC_NWE	ENDSTOP	
87 PD6	FSMC_NWAIT	ENDSTOP	
88 PD7	FSMC_NE1/FSMC_NCE2	ENDSTOP	

91 PB5	I2C1_SMBA/ SPI3_MOSI/ I2S3_SD	ENDSTOP	
92 PB6	I2C1_SCL/ TIM4_CH1	EXTRA	I2C
93 PB7	I2C1_SDA / FSMC_NADV / TIM4_CH2	EXTRA	I2C
95 PB8	TIM4_CH3/SDIO_D4	EXTRA	
96 PB9	TIM4_CH4/SDIO_D5	EXTRA	
97 PE0	TIM4_ETR / FSMC_NBL0	EXTRA	
98 PE1	FSMC_NBL1	STEPPER	