

STM32F411
BlackPill
PINOUT DIAGRAM

The diagram shows the pinout for the STM32L432C8T6 microcontroller. The central image shows the physical chip with pins labeled. The left and right tables provide the pin numbers and functions for each pin.

Pin	Function	Pin	Function
1	VBAT	25	PB12
2	PC13 TAMPER RTC	26	PB13
3	PC14 OSC32 IN	27	PB14
4	PC15 OSC32 OUT	28	PB15
5		29	PA8
6		30	PA9
7	NRST NRST BUTTON	31	PA10
8		32	PA11
9		33	PA12
10	PA0 ADC0	34	
11	PA1 ADC1	35	
12	PA2 ADC2	36	
13	PA3 ADC3	37	PA14 SWCLK
14	PA4 ADC4	38	PA15
15	PA5 ADC5	39	PB3
16	PA6 ADC6	40	PB4
17	PA7 ADC7	41	PB5
18	PB0 ADC8	42	PB6
19	PB1 ADC9	43	PB7
20	PB2 BOOT1	44	BOOT0 BUTTON
21	PB10 SCL2	45	PB8
22		46	PB9
23		47	
24		48	
25		49	
26		50	
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37	PA14 SWCLK		
38	PA15		
39	PB3		
40	PB4		
41	PB5		
42	PB6		
43	PB7		
44	BOOT0 BUTTON		
45	PB8		
46	PB9		
47			
48			
49			
50			