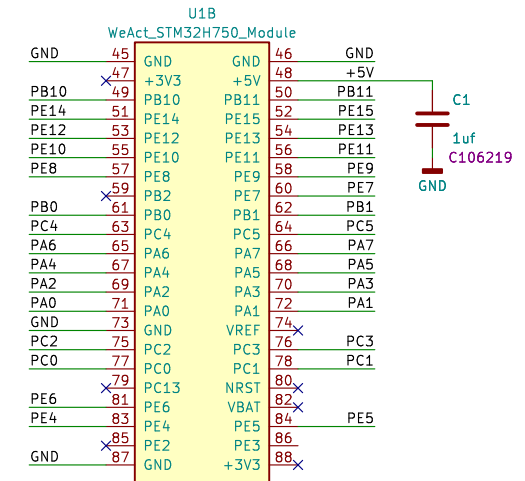


Pin connection diagram for the WeAct\_STM32H750\_Module. The diagram shows two columns of pins on the left and right, with a central block representing the module. Pins are numbered 1 through 43. Some pins are crossed out with a red X. A red box highlights the central module area. A green wire connects the +5V pin to a 1uF capacitor, which is connected to GND. The capacitor is labeled C4.

Pin	Signal	Pin	Signal
PB13	1	PB13	2
PB15	3	PB15	4
PD9	5	PD9	6
	7	PD8	8
	9	PD10	9
PD15	11	PD10	10
PC7	13	PD15	12
	15	PD14	14
PA9	17	PC6	16
	19	PC8	18
PA15	21	PA11	20
	23	PA15	22
PD0	25	PC11	24
	27	PC10	26
	29	PC12	28
	31	PD1	30
	33	PD4	32
PB5	35	PD6	34
PB7	37	PD3	36
PB9	39	PD5	38
PE1	41	PD7	40
GND	43	PB8	42
		PE0	44

Additional components and connections shown:

- A green wire connects the +5V pin to a 1uF capacitor (C4).
- The capacitor (C4) is connected to GND.
- The capacitor value is 1uF.
- The capacitor is labeled C4.



**TODO: Add a serial port connector.**

Figure 1 shows the pin connections for the ESD5344D component. The component is represented by a yellow square with pins 1 through 5 on the left side. The connections are as follows:

- Pin 1: +5VBUS
- Pin 2: PB13
- Pin 3: PB15
- Pin 4: PB9
- Pin 5: PD0

The ground connections are labeled as GND, GND, GND, GND, GND, GND, GND, GND, GND, GND.

## ESD Projection