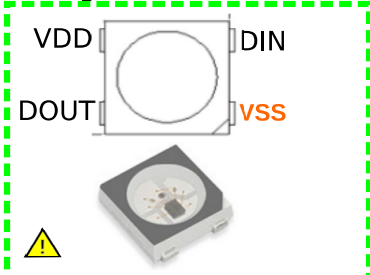
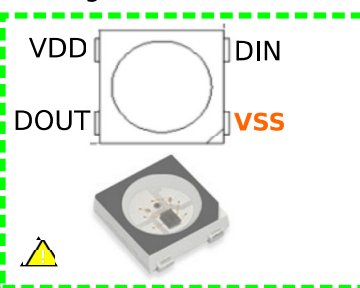


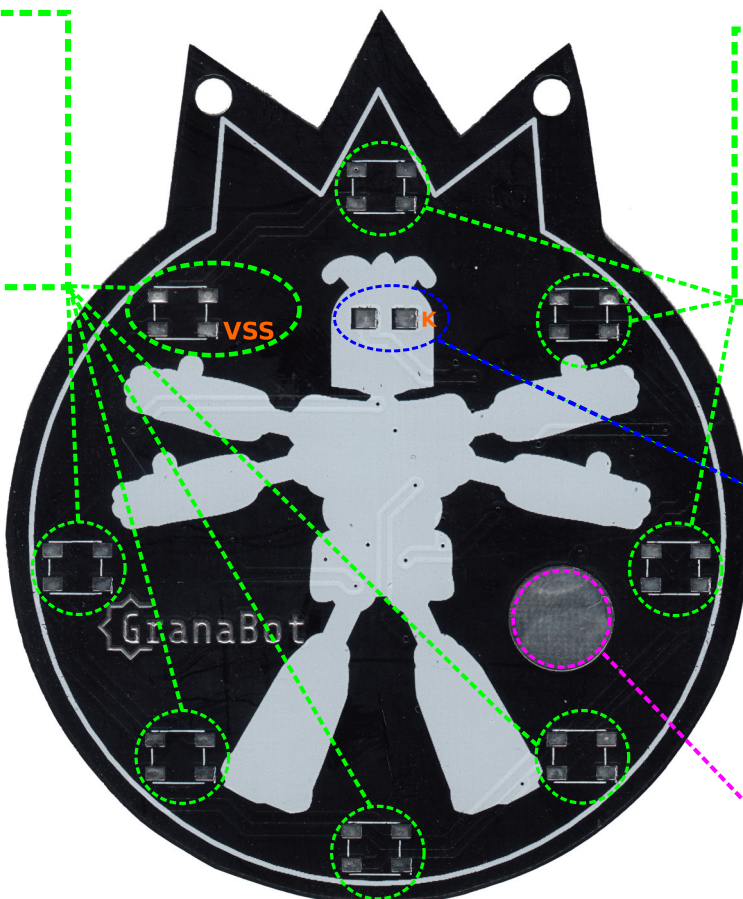
LED1 to LED8 - WS2812B Intelligent control LED



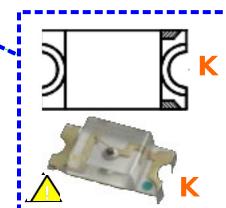
LED1 to LED8 - WS2812B Intelligent control LED



Quantity	Reference	Value	Description
1	R1	1k	1206 SMD resistor
1	R2	1M	1206 SMD resistor
1	C1	4.7uF	1206 SMD capacitor
1	C2	100nF	1206 SMD capacitor
1	C3	22nF	1206 SMD capacitor
0	CAP1	CAPSENSE_CIRCLE	On PCB
1	D1	MBRA140	Schottky diode
1	D2	Power	1206 SMD LED Blue
8	LED1 to LED8	WS2812B	Intelligent control LED
1	U1	LM340MP-5.0/NOPB	Fixed Voltage Regulator
1	U2	ATTINY85-20SU	Atmel 8-bit AVR Microcontroller
1	J1	CONN_01X02	1.25mm - Connector JST SMD Horizontal
2	J2, J3	CONN_01X03	2.54mm - 1x40 Pins SMD Male
1	J4	CONN_02X03	2.54mm - 2x40 Pins SMD Male
1	J5	CONN_01X02	2.54mm - 1x40 Pins SMD Male



D2 - Power 1206 SMD LED Blue



CAP1 - CAPSENSE_CIRCLE On PCB

Si es necesario conformaremos las patillas de U2 para adaptarlas a la huella en la PCB
If necessary, we will shape the U2 pins to adapt them to the footprint in the PCB

Caution!!

Colocar
componente
respetando
polaridad



Place
component
respecting
polarity

R1 - 102 (1k) 1206 SMD resistor



U2 - ATTINY85 Atmel 8-bit AVR Microcontroller



Pin 1



J2 - CONN_01X03 2.54mm - 1x40 Pins SMD Male



R2 - 105 (1M) 1206 SMD resistor



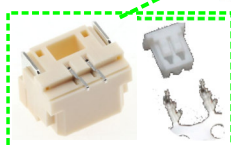
J4 - CONN_02X03 (ICSP) 2.54mm - 2x40 Pins SMD Male



D1 - MBRA140 Schottky diode



J1 - CONN_01X02 1.25mm - Connector JST SMD



C1 - 4.7uF (Blue) 1206 SMD capacitor



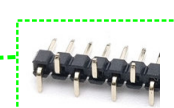
C3 - 223 - 220nF (Red) 1206 SMD capacitor



U1 - LM340MP-5.0/NOPB Fixed Voltage Regulator



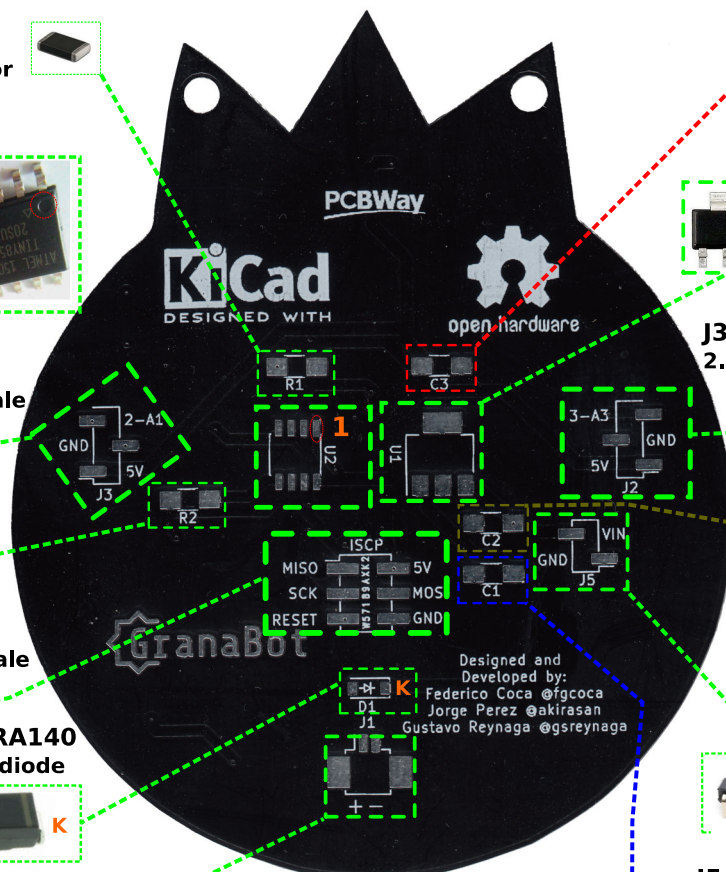
J3 - CONN_01X03 2.54mm - 1x40 Pins SMD Male



C2 - 104 - 100nF (Black) 1206 SMD capacitor



J5 - CONN_01X02 2.54mm - 1x40 Pins SMD Male



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