

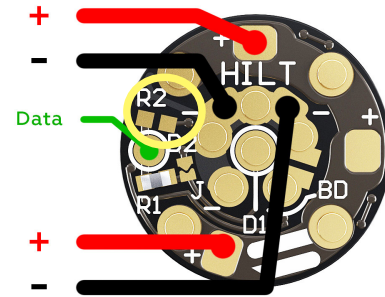


DATA INPUT OPTIONS

V1 – only blade, no pcb leds

This way Data wire controls only blade, no leds on connector pcb.

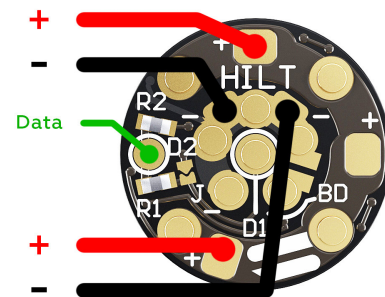
Data wire can be soldered whether to **D1** pad if 330 ohm resistor is on the sound board or to **D2** pad with on-board 330 ohm 0603 resistor **R1**, resistor **R2** must be removed.



V2 – blade + pcb leds in parallel

This way a single Data wire controls both blade and on-board connector leds in parallel (mirror).

Data wire is soldered to **D2** pad with on-board 330 ohm 0603 resistors **R1** and **R2**.

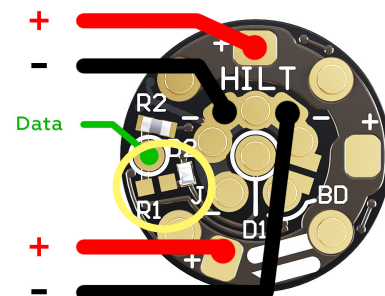


V3 – blade + pcb leds in series

This way a single Data wire controls both blade and on-board connector leds in series (chain). Signal goes through 16 pcb leds first, then through jumper **J** to the blade strips.

Data wire is soldered to **D2** pad with on-board 330 ohm 0603 resistor **R2** and bridged jumper **J**, resistor **R1** must be removed.

Make sure to add additional 16 leds to the config file blade pixel number



V4 – blade + pcb leds independent

This way blade and on-board connector leds are controlled separately by independent Data wires. Only for those sound boards that have 2 or more independent Neopixel Data outputs. Connector leds Data wire is soldered to pad **D2** with on-board 330 ohm 0603 resistor **R2**, blade Data wire is soldered to pad **D1**, resistor **R1** must be removed.

