

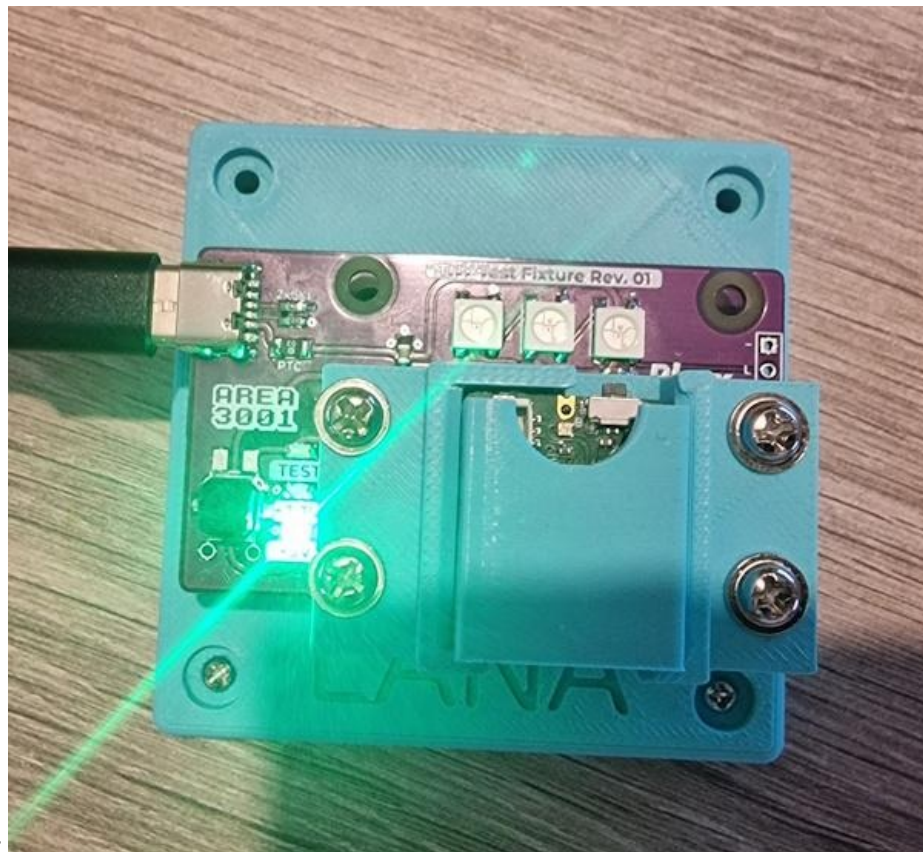
LANA EOL TEST v 1.0

for latest version of this document visit:

https://github.com/area3001/Lana/blob/main/EndOfLine/EOL_testing_lana.pdf

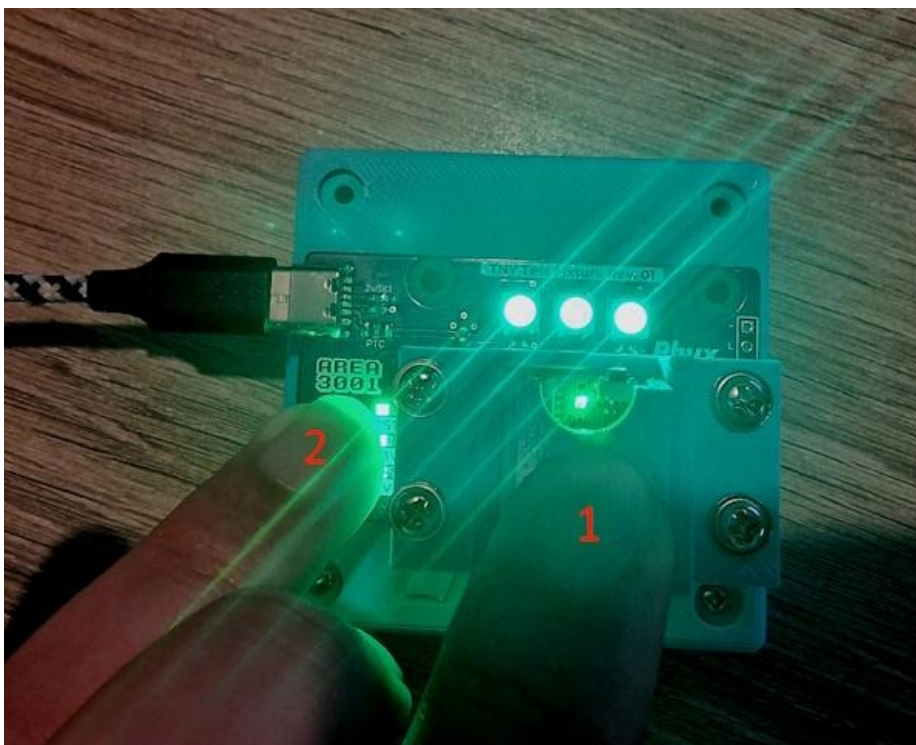
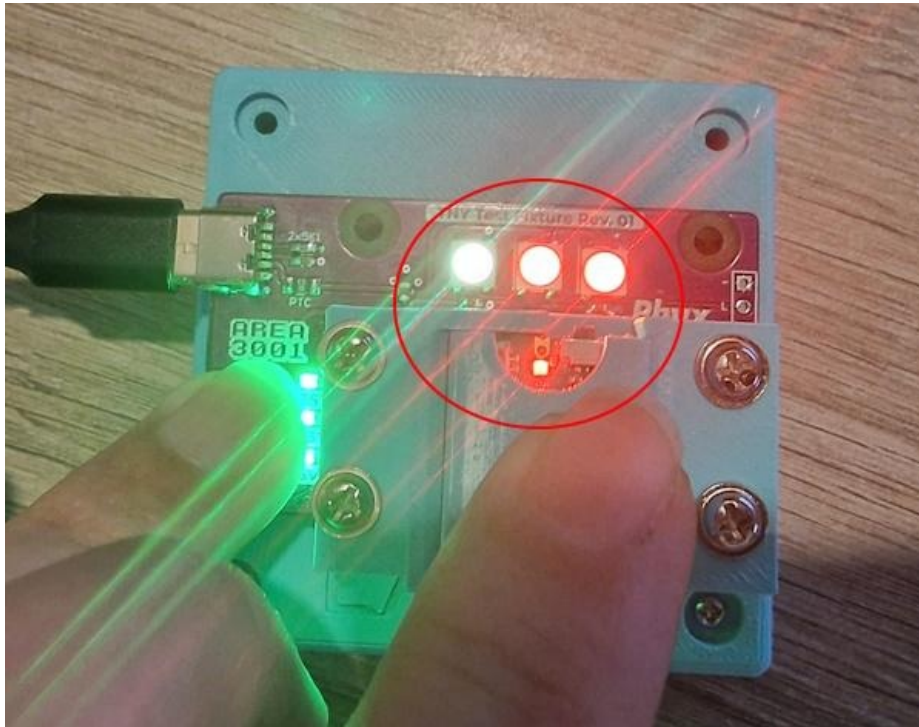
How to test

1. put the board in the test fixture like in the picture.







2. Put on the cover







3. Press the cover and the black test button
 1. If all LEDs are green the test was OK
 2. If leds are not GREEN check the error codes below In this example we get code YELLOW RED RED. This means the PA3 or PA5 pin is not well connected



Error codes

Pins are connected and tested in pairs. We test if pairs are shorted to ground, vcc if their connection to the pad of the PCB works and if there are internal shorts between pins. If all tests for all pairs works you see 3 green LEDs . If you see any other color then the board has an issue.

LEDS	Meaning
	ALL Tests OK without error
	Short VCC
	Short GND
	(PA3, PA5) Not connected

	(PA6, PB7) Not connected
	(PA2, PB6) Not connected
	(PB0, PB1) Not connected
	(PA0, PA14) Not connected
	(PA1, PA13) Not connected
	Shorts between pins