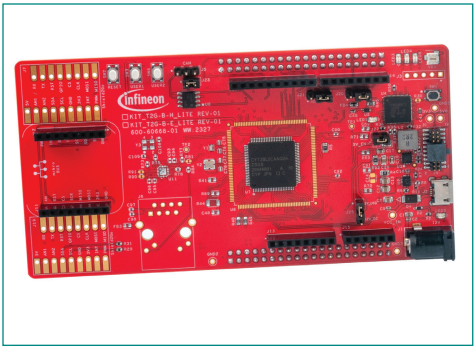
QUICK START GUIDE

TRAVEO™ T2G Body Entry Lite Kit

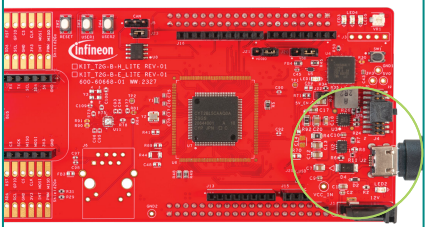
KIT_T2G-B-E_LITE

Kit contents

1. KIT_T2G-B-E_LITE REV 01 board



www.infineon.com/traveobelitekit



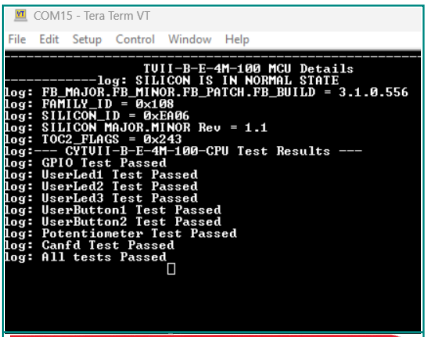
1 **Power up the kit**

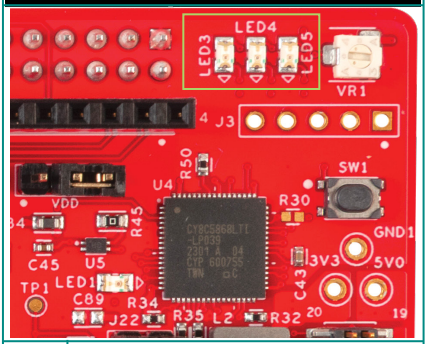
Before you start

1. Ensure that you have the following:
   - PC with USB Port
   - UART terminal software such as Tera Term or Minicom

Powering up the kit

1. Connect the USB micro-B cable to J2 and other end to PC





2 **Run the shipping firmware**

Run the pre-programmed code example

1. Open the UART terminal software and connect to the kit's USB-to-UART COM port with the following settings:
   - Baud rate: 115200, Data: 8 bit, Parity: none
   - Stop bit: 1 bit, Flow control: none
2. Press the RESET button (SW2) on the kit.
3. The states of various interface tests will be displayed on the serial terminal as shown.
4. The User LEDs LED3, LED4, LED5 will blink continuously.

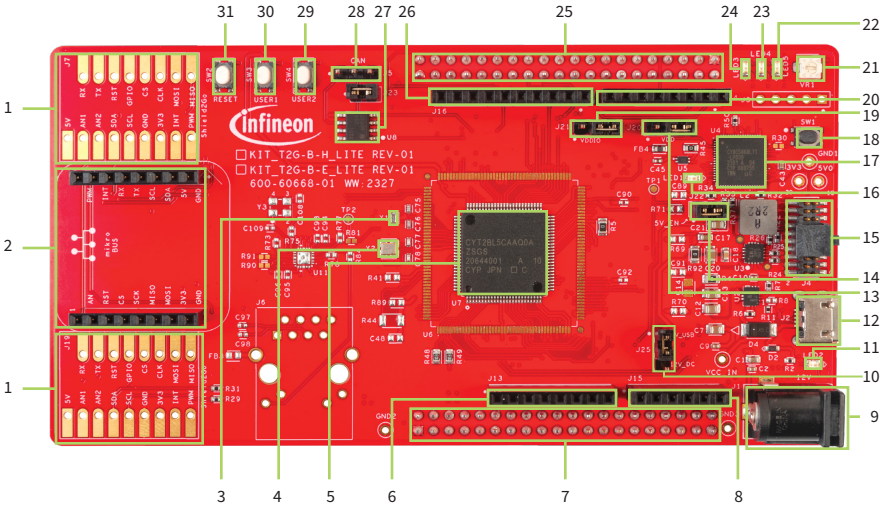
Next steps

Visit the **kit webpage** for required software, information on code examples supported for this kit and kit documentation

Note:

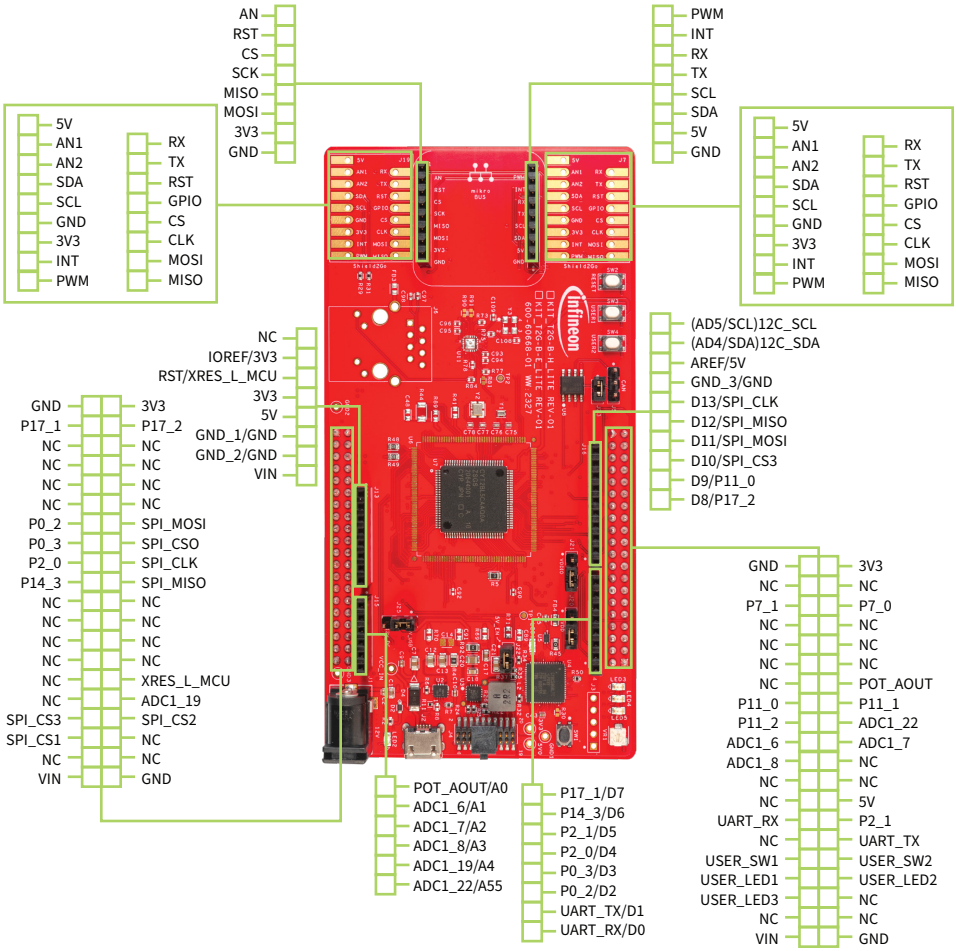
The contents on the serial terminal may vary because of continuous improvements.

TRAVEO™ T2G Body Entry Lite Kit Board details



1	Shield2Go connectors (not mounted) (J7, J19)
2	mikroBUS connectors (J11, J12)
3	32.768-kHz oscillator for WCO (Y1)
4	16-MHz oscillator for ECO (Y2)
5	TRAVEO™ T2G microcontroller (U7)
6	8-pin Arduino header (J13)
7	Expansion header 1 (X1)
8	6-pin Arduino header (J15)
9	DC power jack (J1)
10	Input power supply selection jumper (J25) - default closed (1-2)
11	Power LED (LED2)
12	KitProg3 USB micro-B connector (J2)
13	VDD current measurement jumper (J20)
14	5V Supply Enable jumper (J22) - default closed
15	MIPI10/20 debug connector(J4)
16	KitProg3 status LED (LED1)
17	PSoC™ 5LP based KitProg3 (U4)
18	Mode switch (SW1)
19	VDDIO current measurement jumper (J21)
20	8-pin Arduino header (J14)
21	Potentiometer (VR1)
22	USER LED3 (LED5)
23	USER LED2 (LED4)
24	USER LED1 (LED3)
25	Expansion header 2 (X2)
26	10-pin Arduino header (J16)
27	CAN FD transceiver (U8)
28	CAN FD connector (J5)
29	USER2 button (SW4)
30	USER1 button (SW3)
31	RESET button (SW2)

KIT_T2G-B-E_Lite Board pinout details



For additional details, see the kit guide available on the Infineon **kit webpage**.

Document number: 002-37240 Rev. *A
Date: 09 / 2023

All rights reserved. © 2023
Infineon Technologies AG