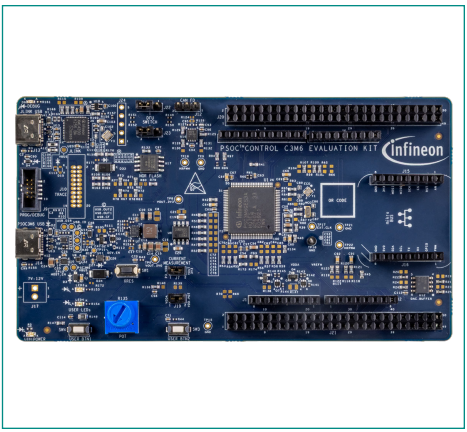
QUICK START GUIDE

PSOC™ Control C3M6 Evaluation Kit

KIT_PSC3M6_EVAL

Kit contents

1. PSOC™ Control C3M6 Evaluation Kit
2. USB-A to USB-C cable
3. Ten jumper wires

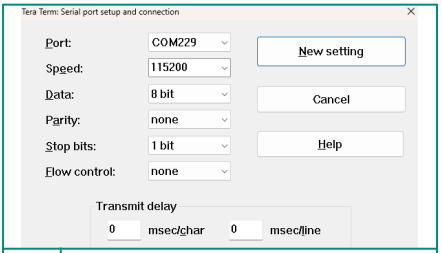








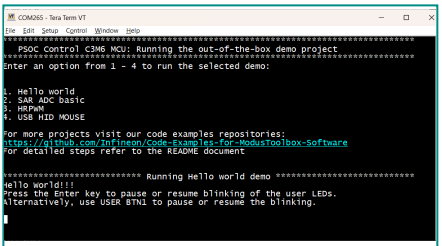
www.infineon.com/KIT_PSC3M6_EVAL



1 USB-UART COM port setup

Connect the USB cable from the Test PC to J13 J-Link USB connector on the evaluation kit

1. Open the UART terminal software, such as Tera Term or Minicom, and connect to the kit's USB-UART COM port using the following settings:
   – Baud rate: 115200, Data: 8-bit, Parity: None, Stop bit: 1-bit, Flow control: None
2. Press the XRES button (SW1) on the EVAL board to reset the device.

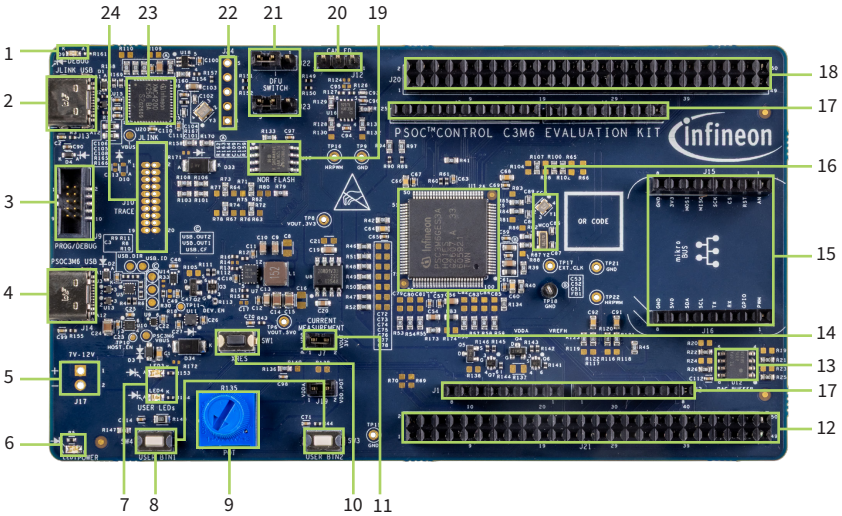


2 Demo application

Run the pre-programmed code example

1. View the list of demo code examples displayed in the terminal window.
2. Follow the on-screen instructions for each demo to verify the specific functionality.

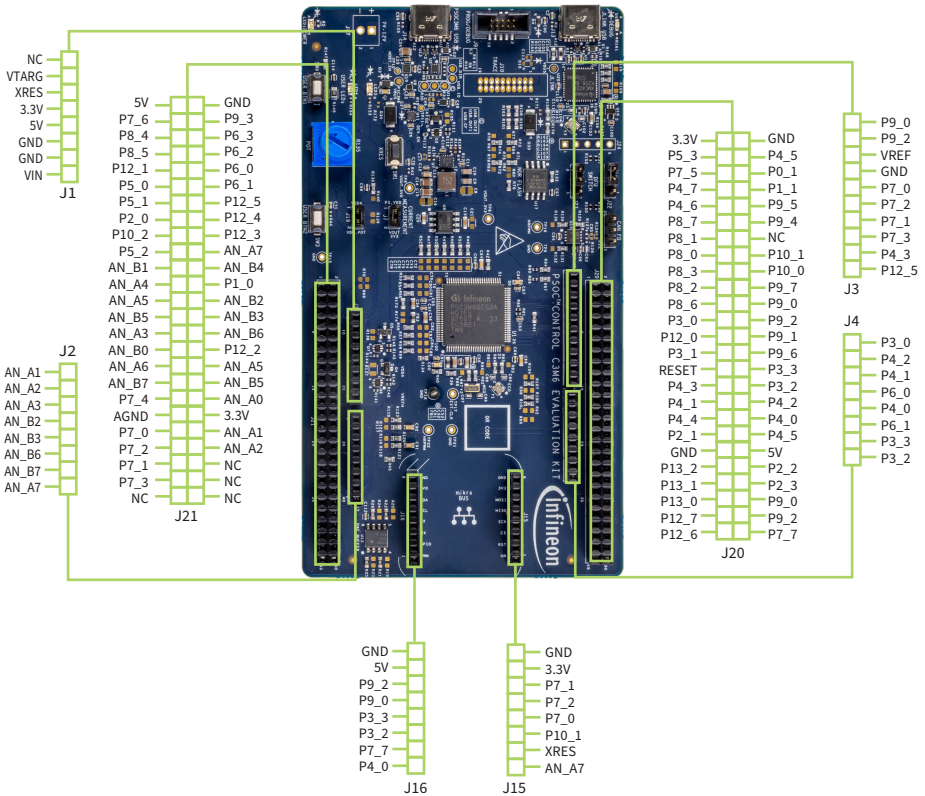
KIT_PSC3M6_EVAL Evaluation board details



1 J-Link debug LED (D9)
2 J-Link USB-C connector (J13)
3 10-pin SWD header (J9)
4 PSC3M6 USB-C connector (J14)
5 Terminal connector* (J17)
6 Power LED (LED1)
7 User LEDs (LED3, LED4)
8 User buttons (SW4, SW3)
9 Potentiometer (R135)
10 Reset switch (SW1)
11 Current measurement header (J7)
12 50-pin expansion header (J21)
13 DAC buffer (U12)
14 PSC3M6 MCU (U1)
15 MikroBUS header (J15, J16)
16 ECO (Y1) /WCO (Y2)
17 Arduino headers (J1, J2, J3, J4)
18 50-pin expansion header (J20)
19 SPI flash (U17)
20 CAN header (J12)
21 DFU selection headers (J22, J23)
22 XMC4200 programming header* (J24)
23 XMC4200 on-board debugger (U20)
24 ETM header* (J10)

*Footprint only, not populated on the board

KIT_PSC3M6_EVAL Evaluation pinout details



Next steps

- The ModusToolbox™ software supports this kit and the associated code examples.
- Visit the kit website and ModusToolbox™ webpage for more information on code examples supported for this kit and the kit documentation.

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