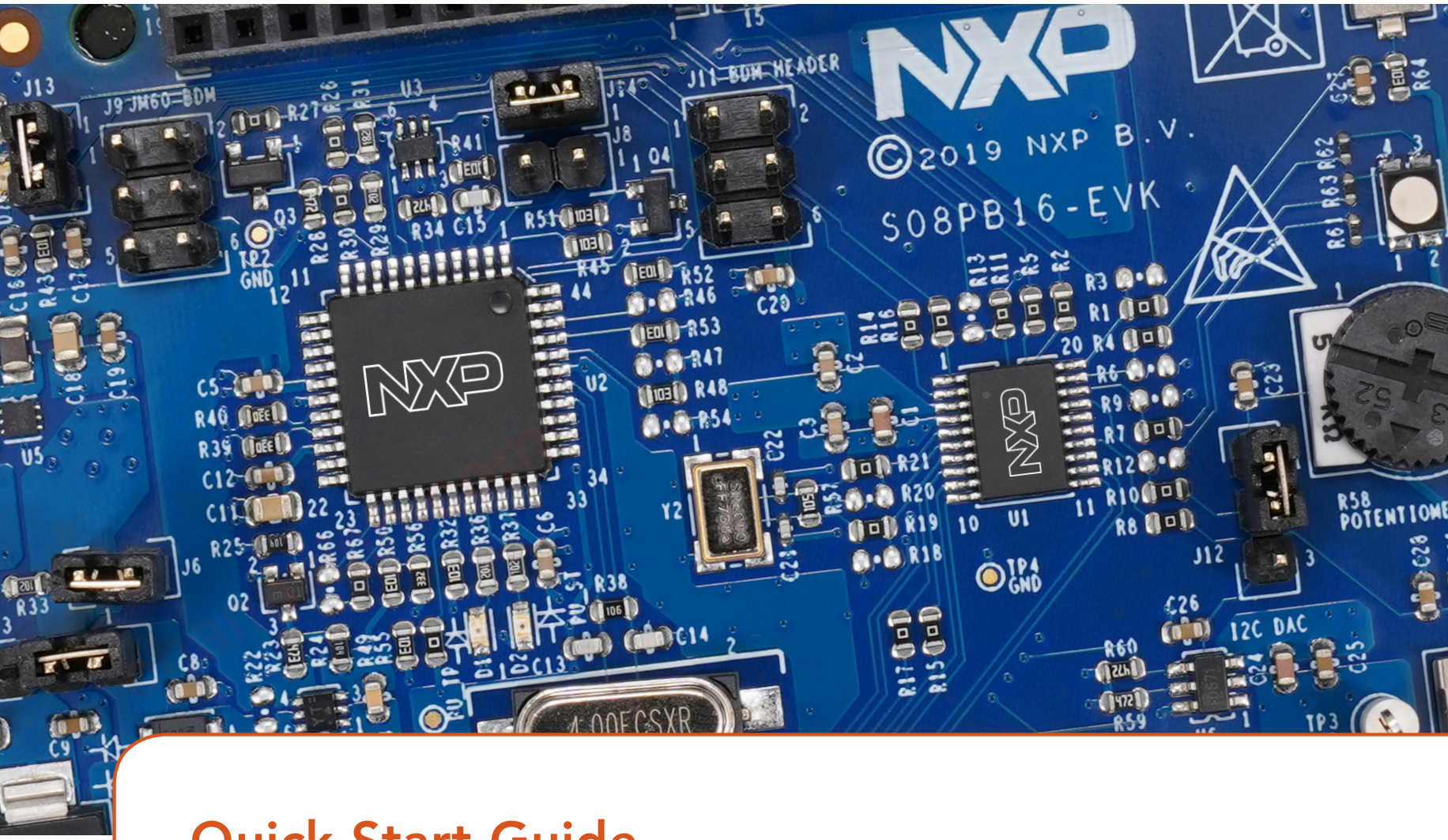
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Quick Start Guide

S08PB16-EVK

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GET TO KNOW THE S08PB16-EVK

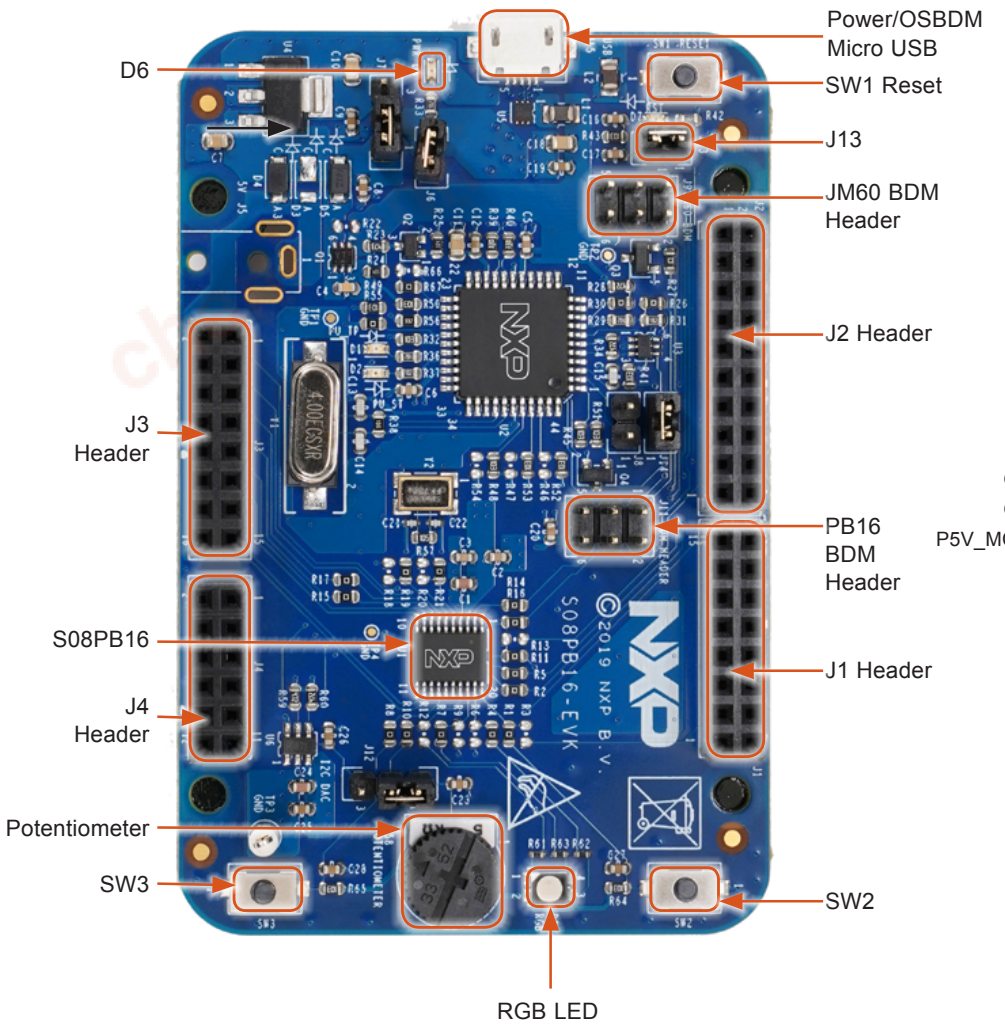


Figure 1: S08PB16-EVK Callouts

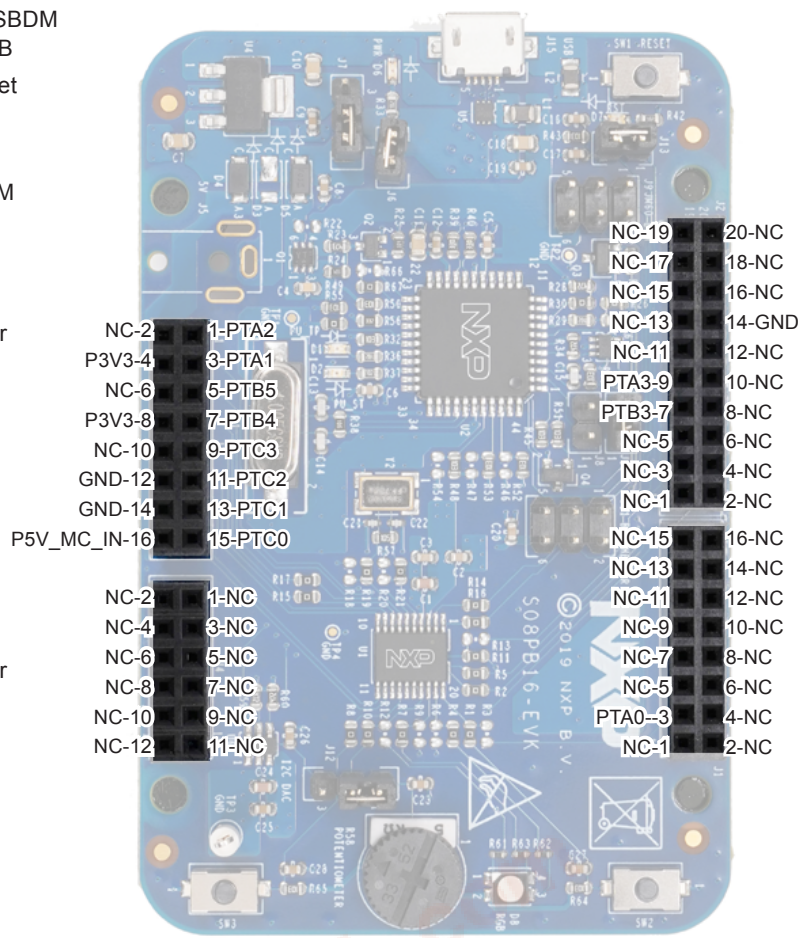


Figure 2: S08PB16-EVK Pin-Outs

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STEP-BY-STEP INSTRUCTIONS

1. Connect the S08PB16-EVK to a PC using the included Micro USB cable to power/OSBDM Micro USB connectors (J15) of S08PB16-EVK board. A green LED (D6) will illuminate, indicating power is on.

2. The S08PB16-EVK comes pre-programmed with a demo to test the onboard RGB LED (D8), potentiometer (R38) and buttons (SW2, SW3). First, turn on the power and the red LED, blue LED and green LED will toggle once. Then, rotate the potentiometer (R38) to the maximum resistance value. The LEDs will turn off. Next, press the two buttons (SW2, SW3) separately to test the buttons. Lastly, the red LED will always toggle.

3. J11 is the BDM header which can be used to debug and program S08PB16 by the debugger P&E Multilink FX or P&E Multilink.

4. J13 must be open when using P&E Multilink FX to supply power and debug/program S08PB16.

5. Explore more out-of-box demos and download software and tools at www.nxp.com/S08PB16-EVK.

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