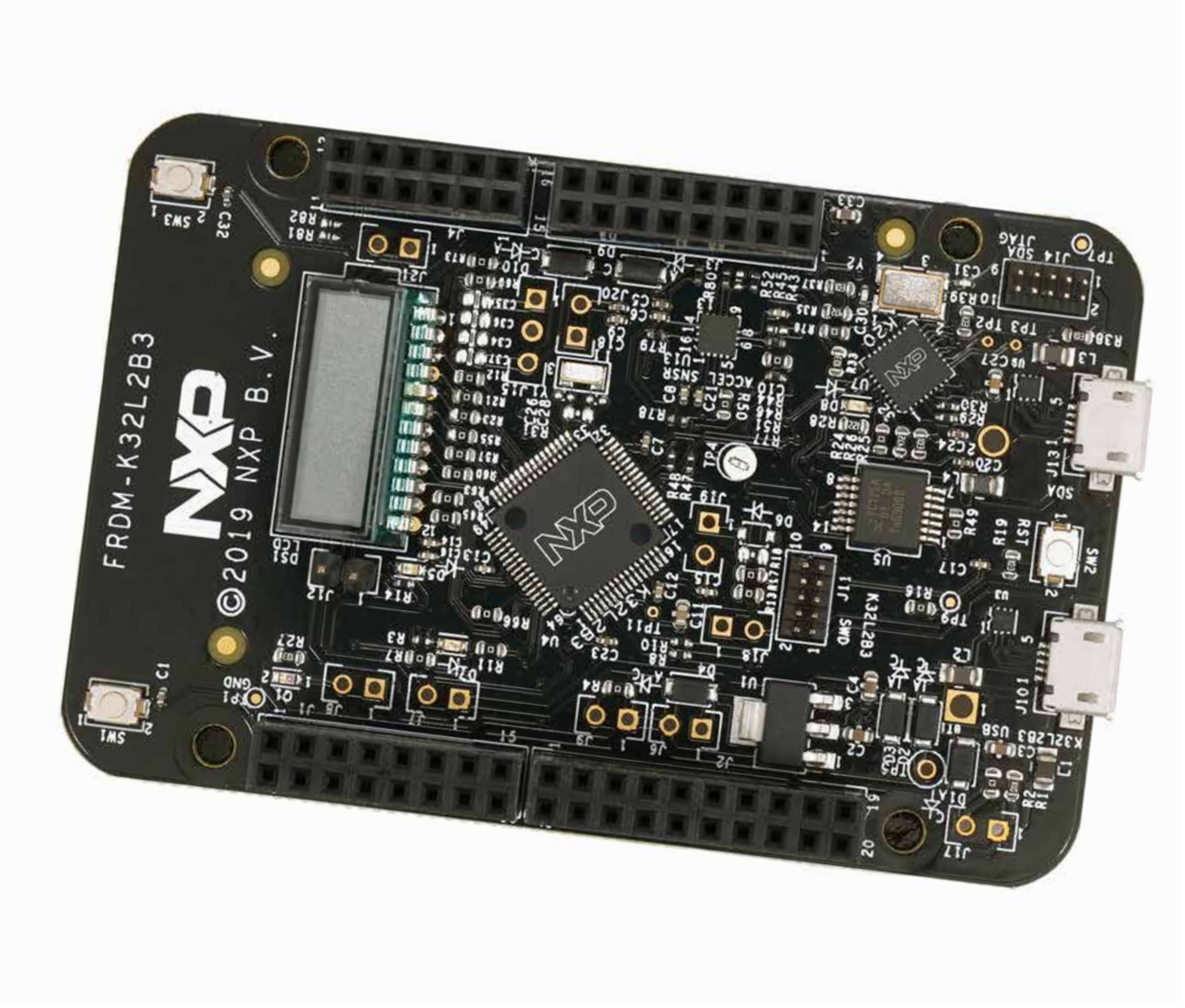
QUICK START GUIDE

FREEDOM DEVELOPMENT PLATFORM

FRDM-K32L2B3



GET TO KNOW THE FRDM-K32L2B3

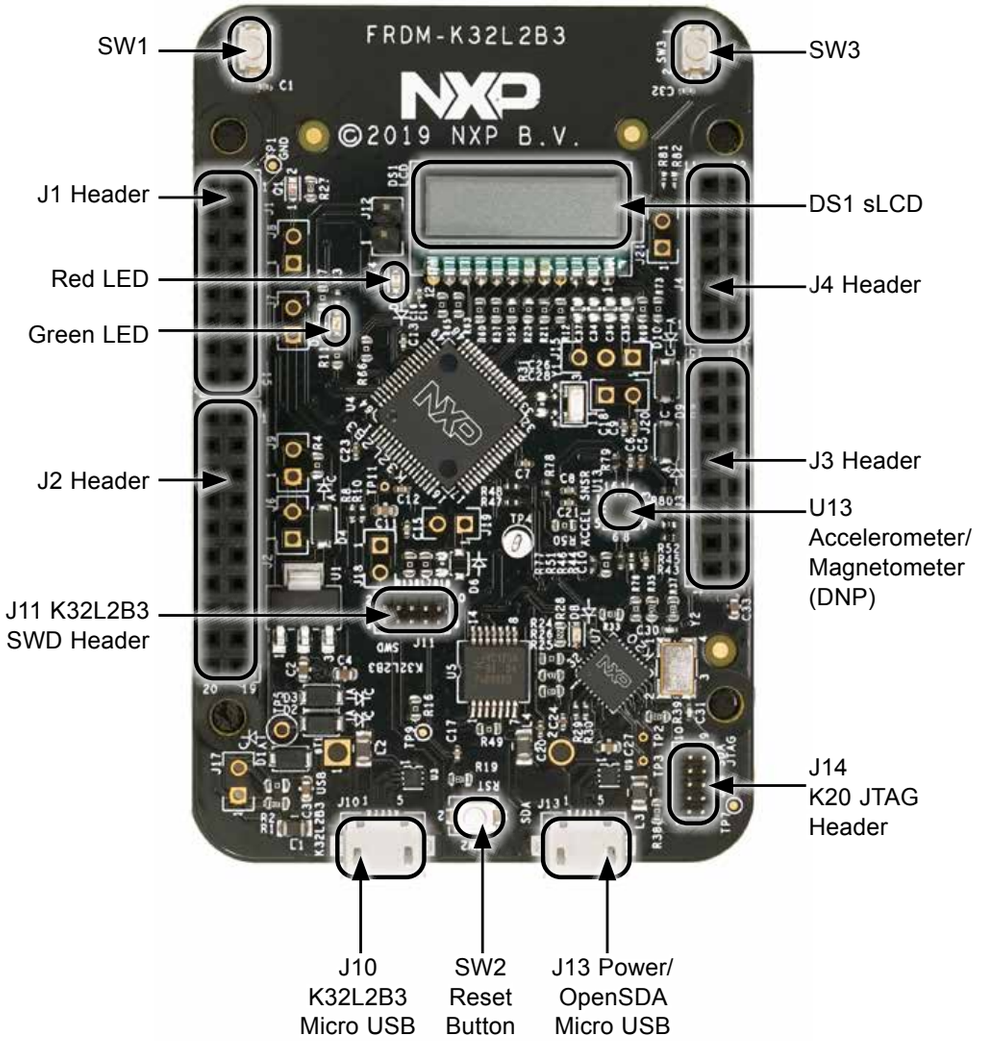


Figure 1: FRDM-K32L2B3 Callouts

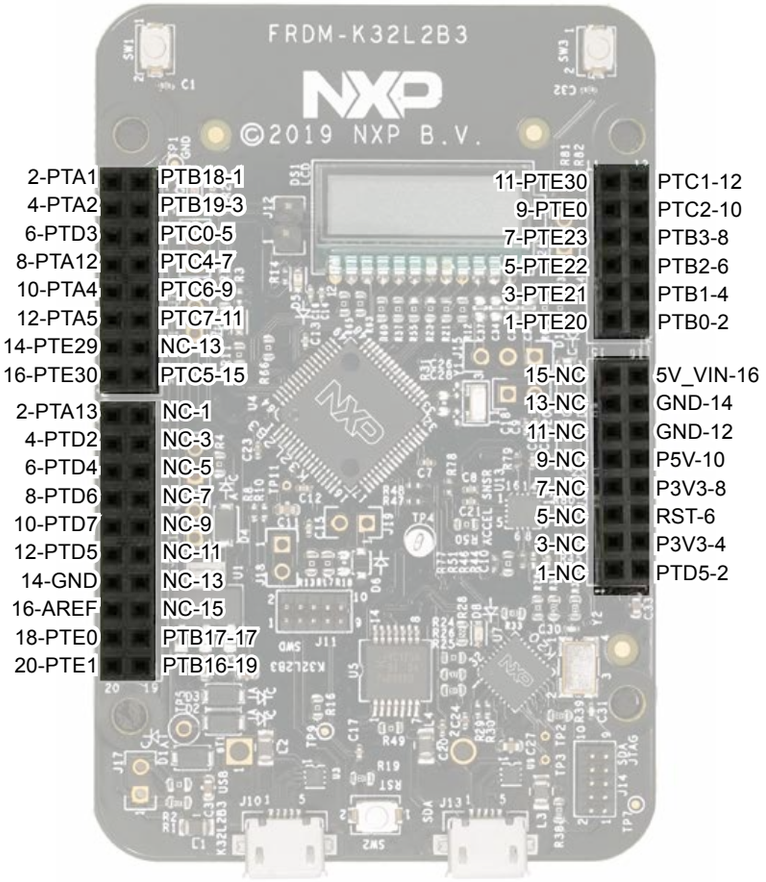


Figure 2: FRDM-K32L2B3 Pin-Outs

HOW TO GET STARTED

1. Connect the FRDM-K32L2B3 development board to a PC using the included micro-USB cable to the Power/OpenSDA Micro USB connector (J13).
2. When the board is powered up, a green LED (D8) will illuminate, indicating 3.3V is on. Notice that Boot ROM code is executed first out of reset, a time of about three seconds are consumed by ROM bootloader to check the active communication port before application code is executed.
3. The FRDM-K32L2B3 board comes preprogrammed with a demo that will initiate the LED on the board to flash periodically when plugged in.
4. J10 is the USB connector of K32L2B3 on chip USB module.
5. J14 is the K20 JTAG header for OpenSDA firmware update.
6. J11 is the SWD header for K32L2B3.
7. Explore more out-of-box demos and download software and tools at www.nxp.com/FRDM-K32L2B3.