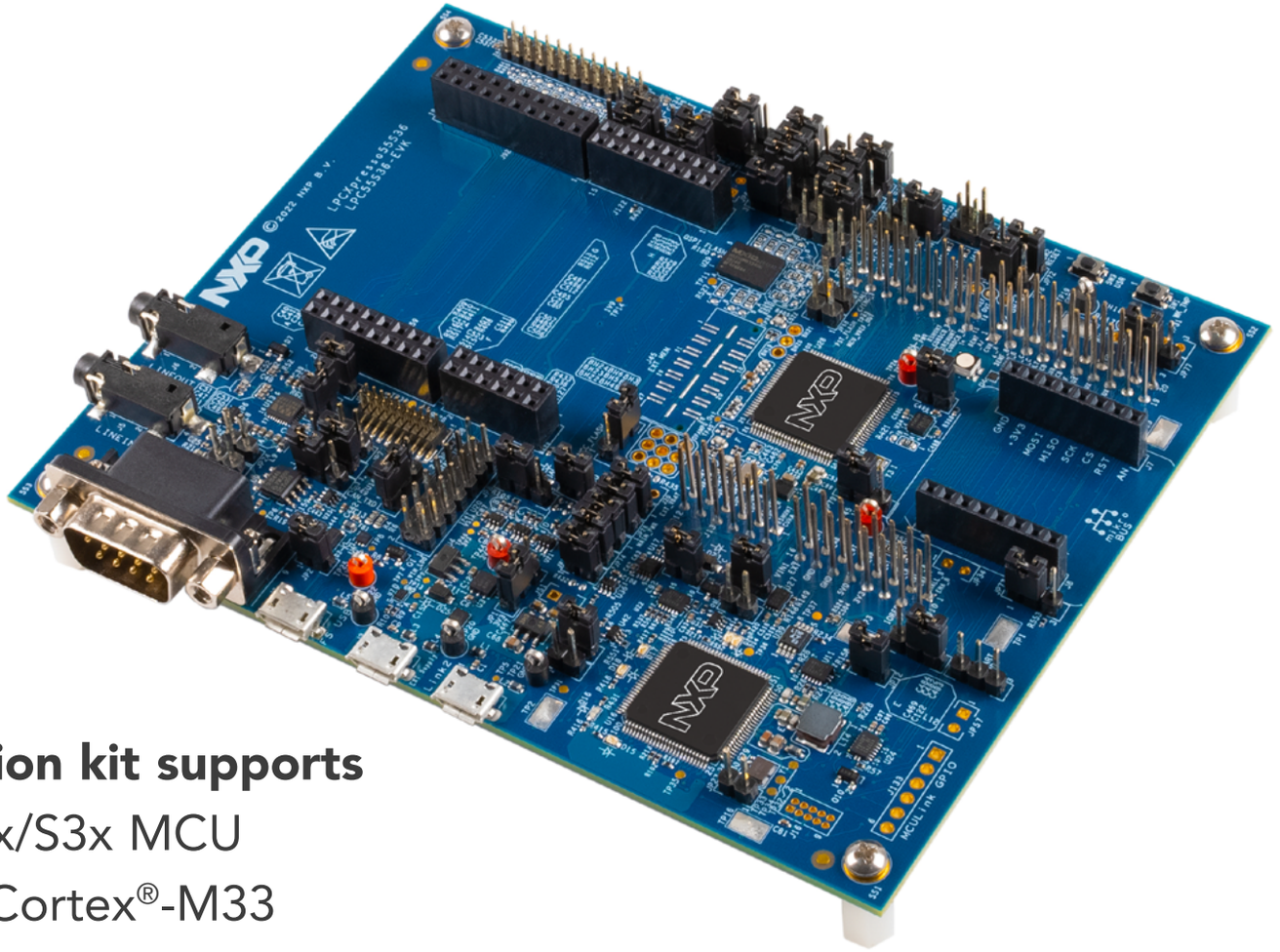
QUICK START GUIDE

LPC55S36-EVK/LPC5536-EVK

LPC55S36-EVK/LPC5536-EVK



Evaluation kit supports

LPC553x/S3x MCU

Arm® / Cortex®-M33

150 MHz Arm® Cortex®-M33
Floating Point Unit (FPU) and Memory Protection Unit (MPU)
Up to 256 KB on-chip flash program memory
Up to 128 KB total SRAM
TrustZone® technology, Crypto Subsystem (CSS), Public Key Cryptography (PKC) among other security elements

GET TO KNOW THE LPC55S36-EVK/LPC5536-EVK

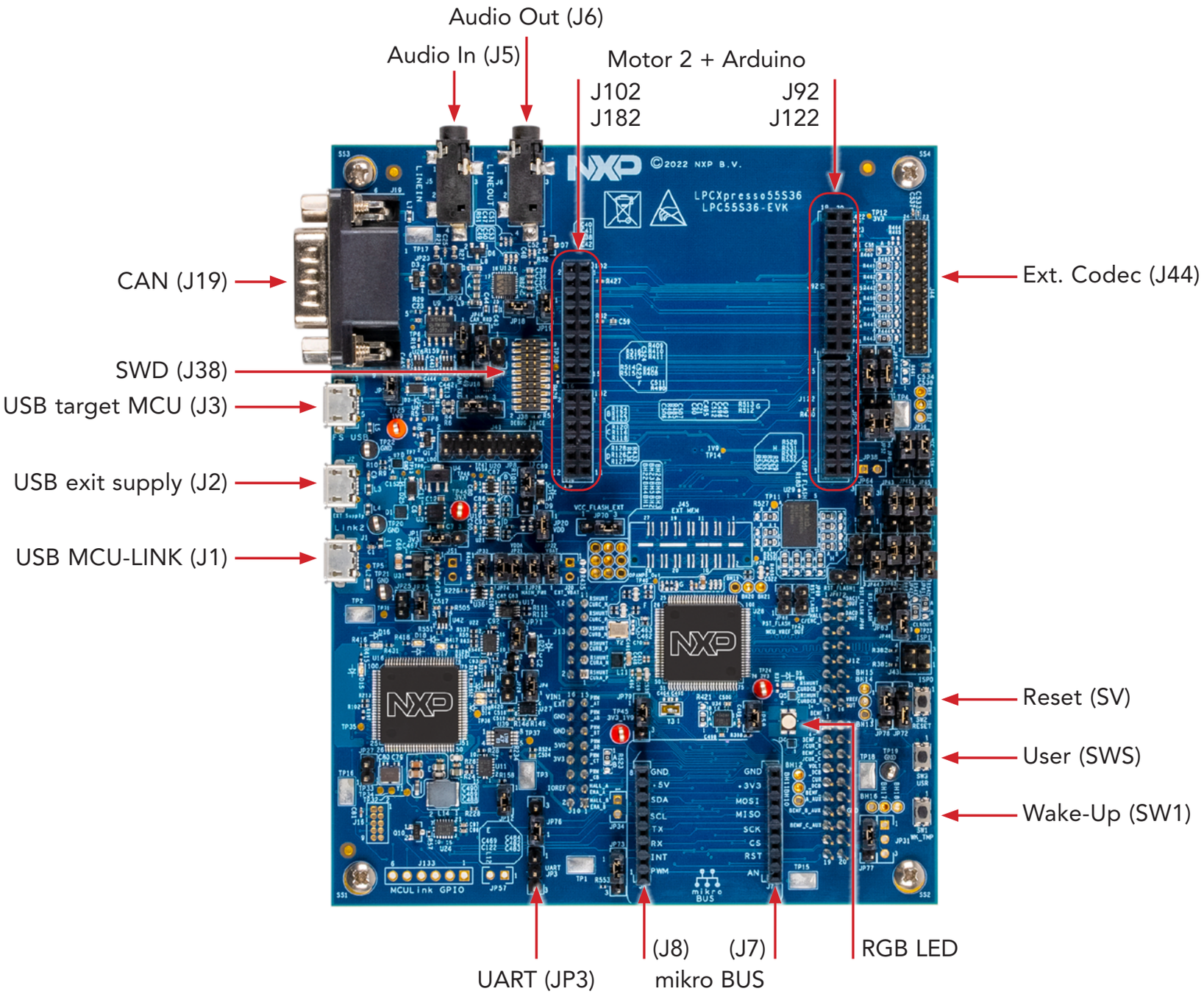


Figure 1: LPC55S36-EVK/LPC5536-EVK Callouts

GET TO KNOW THE LPC55S36-EVK/LPC5536-EVK CONTINUED

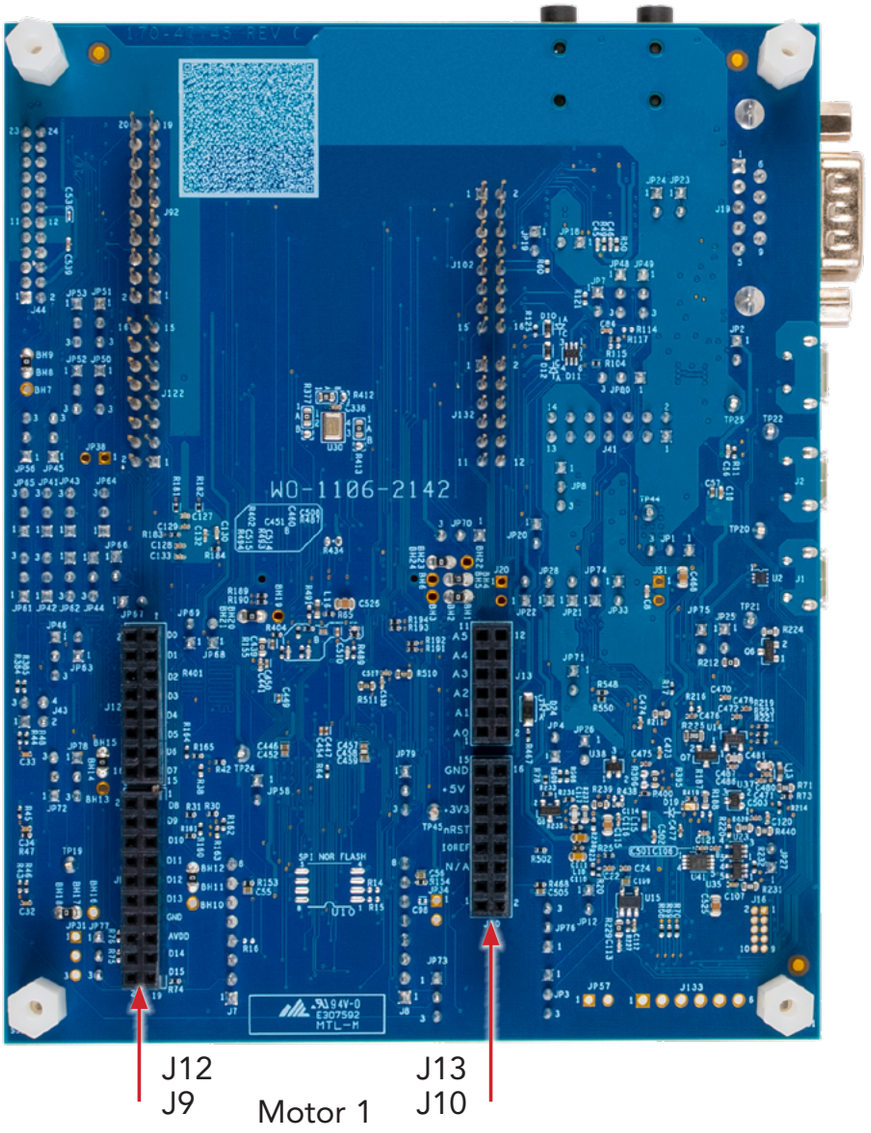


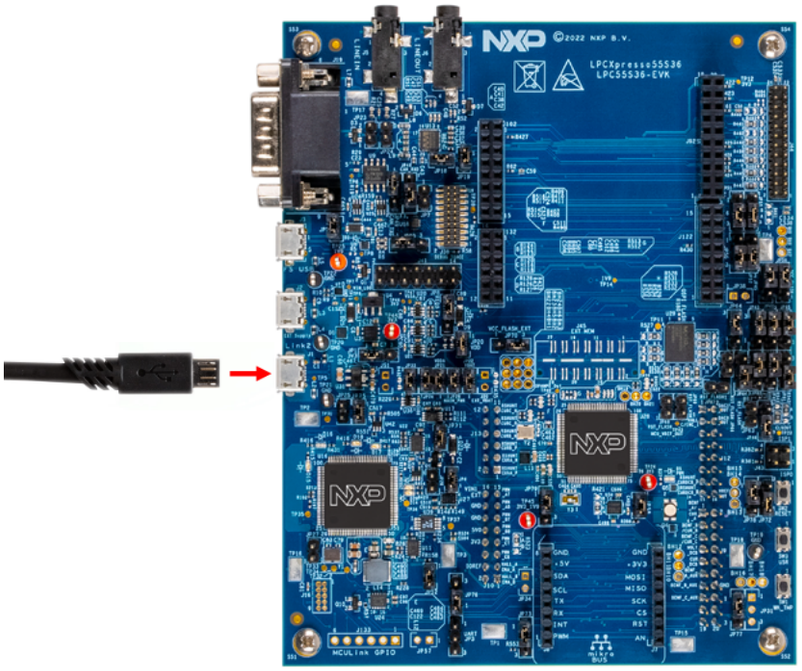
Figure 2: LPC55S36-EVK/LPC5536-EVK Pin-Out

HOW TO GET STARTED

1. Connect the evaluation board to a PC using the included micro-USB cable to USB connector J1. When the board is powered up, LED D5 turns ON.

2. The LPC55S3x board comes preprogrammed with a demo that will blink each RGB LED three times. In addition, pressing SW1 will turn on the RED LED and pressing SW3 will turn on the GREEN LED. Connecting a micro-USB cable to J3 will enumerate a USB mouse device.

3. For more information on running the demo, access to additional examples and to download software and tools, please visit: www.nxp.com/LPC55S3x/startnow.



SUPPORT

Visit **www.nxp.com/support** for a list of phone numbers within your region.

WARRANTY

Visit **www.nxp.com/warranty** for complete warranty information.

GET STARTED

Download installation software and documentation at **www.nxp.com/LPC55S3x**

www.nxp.com/LPC55S36-EVK

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