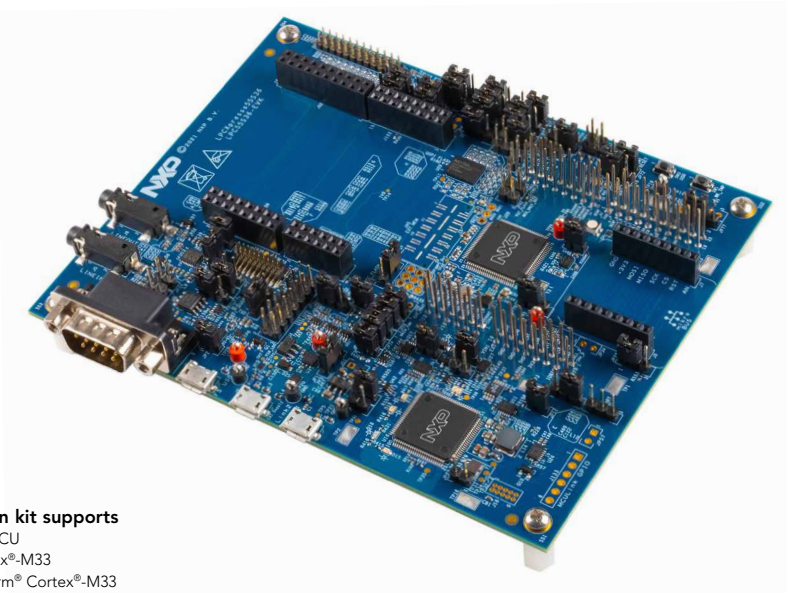




# LPC5536-EVK



## Evaluation kit supports

LPC553x 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

# GET TO KNOW THE LPC5536-EVK

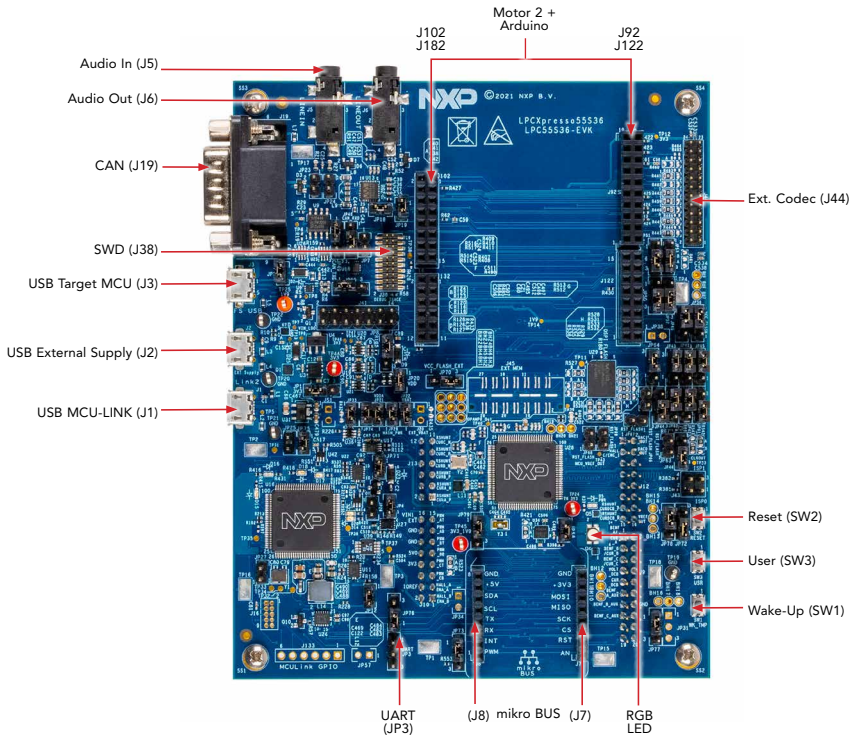


Figure 1: LPC5536-EVK Pin-Out

## GET TO KNOW THE LPC5536-EVK CONTINUED

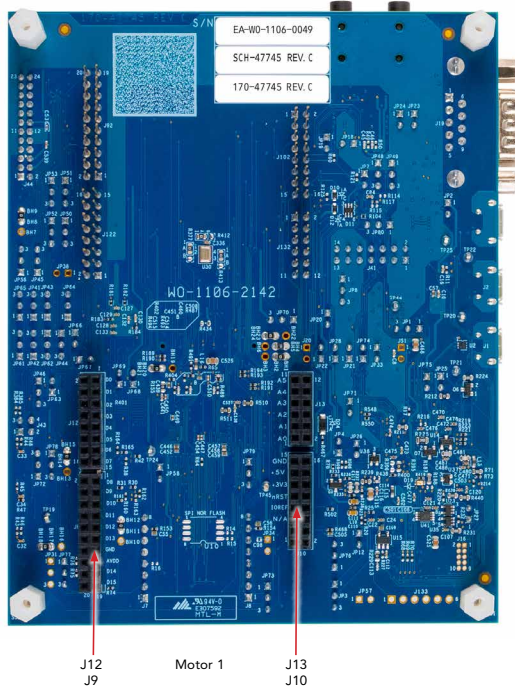
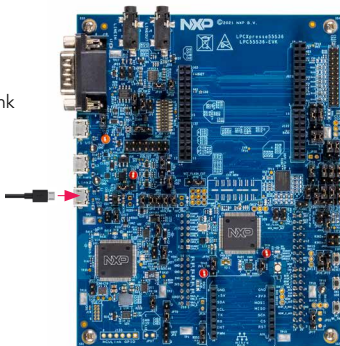


Figure 2: LPC5536-EVK Pin-Out

## 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 LPC5536-EVK 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/LPC5536-EVK/startnow](http://www.nxp.com/LPC5536-EVK/startnow).



## SUPPORT

Visit [www.nxp.com/support](http://www.nxp.com/support) for a list of phone numbers within your region.

## WARRANTY

Visit [www.nxp.com/warranty](http://www.nxp.com/warranty) for complete warranty information.



Download installation software and documentation at

[www.nxp.com/LPC553x](http://www.nxp.com/LPC553x).

[www.nxp.com/LPC553x](http://www.nxp.com/LPC553x)

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