**NUCLEO-L552ZE-Q Pins Legend**

**Issue 1.0**

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# Microcontroller main features

<https://www.st.com/en/microcontrollers-microprocessors/stm32l552ze.html>

The STM32L552xx devices are an ultra-low-power microcontrollers family (STM32L5 Series) based on the high-performance Arm® Cortex®-M33 32-bit RISC core. They operate at a frequency of up to 110 MHz..

# Board features

* STM32 microcontroller in LQFP144 package
* 3 user LEDs
* 2 user and reset push-buttons
* 32.768 kHz crystal oscillator
* Board connectors:
  + ST Zio expansion connector including ARDUINO® Uno V3
  + ST morpho expansion connector
* Flexible power-supply options: ST-LINK, USB VBUS or external sources
* On-board ST-LINK debugger/programmer with USB re-enumeration capability: mass storage, Virtual COM port and debug port

# Pins Legend

Graphical user interface, diagram

Description automatically generated with medium confidence

Chart

Description automatically generatedChart

Description automatically generated

A screenshot of a computer

Description automatically generated with low confidenceChart

Description automatically generated with medium confidence