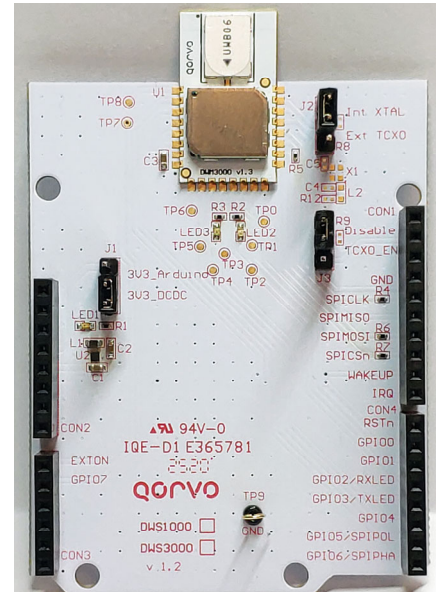


## Overview

- The DWS3000 is an Arduino form-factor compatible shield designed for the evaluation of the DWM3000 UWB module.
- Offers flexibility to use the DWM3000 with a MCU of choice - The Arduino form-factor is supported by many MCU vendors such as ST Micro, Nordic Semiconductors and others.

## Features

- Arduino form-factor compatible.
- Based on the DWM3000 module with:
  - DW3110 UWB IC.
  - Ceramic UWB antenna.
- On board 3V3 DC-DC.
- Jumper allowing selection of the power supply and current consumption measurements.
- All module pins are accessible on the Arduino connectors.
- Schematics provided in PDF format.
- Example firmware available on website:
  - STM32Cube and System Workbench for STM32 project for the ST Nucleo-F429ZI development board.
  - Segger Embedded Studio project for the Nordic NRF52840-DK development board.



**DWS3000 Arduino Shield**

## Target Applications

- Bring up and evaluation of the DWM3000 module.
- General purpose hardware for UWB RTLS system development.

## Pricing and ordering Information

- Recommended sale price \$19.50.
- Contact Qorvo sales for more information.

FCC NOTICE: This kit is designed to allow:

(1) Product developers to evaluate electronic components, circuitry, or software associated with the kit to determine whether to incorporate such items in a finished product and

(2) Software developers to write software applications for use with the end product. This kit is not a finished product and when assembled may not be resold or otherwise marketed unless all required FCC equipment authorizations are first obtained. Operation is subject to the condition that this product not cause harmful interference to licensed radio stations and that this product accept harmful interference. Unless the assembled kit is designed to operate under part 15, part 18 or part 95 of this chapter, the operator of the kit must operate under the authority of an FCC license holder or must secure an experimental authorization under part 5 of this chapter