

## **DWM1004C: TDoA TAG QUICK START GUIDE**

**Version 1.01**

**This document is subject to change without  
notice.**

## DOCUMENT INFORMATION

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**Caution!** ESD sensitive device.

Precaution should be used when handling the device in order to prevent permanent damage

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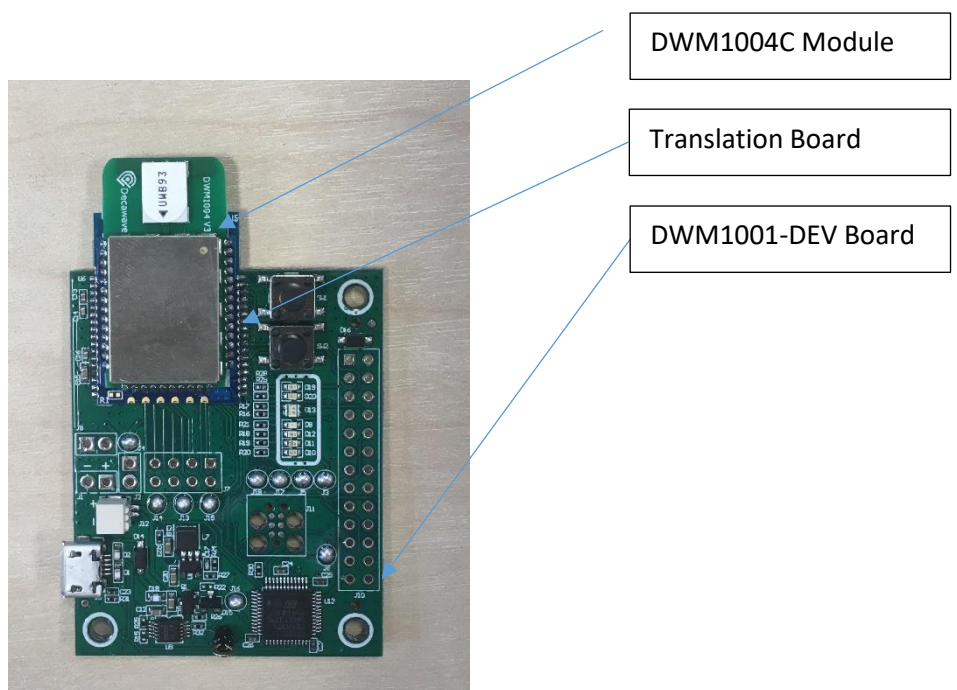
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## 1 OVERVIEW

This quick start guide provides details how to start using DWM1004 module as a TDoA Tag, how to start debugging and to restore the module to a default programmed state.

The DWM1004C is mounted on a DWM1001-DEV board which provides all the needed hardware to power, program and debug the DWM1004C module. For further information please go to the DWM1001-DEV board web page: <https://www.decawave.com/product/dwm1001-development-board/>

To convert the DWM1004C formfactor and pinout we are using the simple translation board (see the translation board schematics in **Appendix A**).



*Figure 1 DWM1004C module*

## 2 STARTING THE DWM1004C MODULE

The module is programmed with the firmware fully compatible with TTK1000 TDoA kit. It is a direct replacement for the DWM1001 TDoA Tag, for further references please see the **DWM1004C TDoA Tag Software Guide** documents and documents coming along with the TTK1000 kit.

In order to return DWM100C module back to the default programmed state use the provided hex file (see `\Source\Release\DWM1004-TDoA-Tag.hex`) and any J-Link compatible programming software, for example J-Flash Lite.



## 4 REFERENCES

### 4.1 LISTING

References are made to the following documents in the course of this document:

*Table 1: Table of References*

Ref	Author	Date	Version	Title
[1]	N/A	N/A	1.0	<b>DWM1004C TDoA Tag Software Guide</b>



## 5 DOCUMENT HISTORY

Table 2 Document History

Revision	Date	Description
1.00	01-APR-2019	First release
1.01	01-AUG-2019	HW changed to v3.1

## 6 FURTHER INFORMATION

Decawave develops semiconductors solutions, software, modules, reference designs - that enable real-time, ultra-accurate, ultra-reliable local area micro-location services. Decawave's technology enables an entirely new class of easy to implement, highly secure, intelligent location functionality and services for IoT and smart consumer products and applications.

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