

# Type1GC/1PS Application Note Memory Usage

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## Revision History

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## **Contents**

|      |                                |   |
|------|--------------------------------|---|
| 1.   | About this Document.....       | 4 |
| 1.1. | Purpose and Scope .....        | 4 |
| 1.2. | References documentation ..... | 4 |
| 2.   | Memory usage .....             | 4 |
| 2.1. | Software requirements .....    | 4 |
| 2.2. | Memory Usage.....              | 4 |

## 1. About this Document

### 1.1. Purpose and Scope

This document provides the instructions to check memory usage using Murata Type1GC EVB.

Note: Type1GC and 1PS are pin compatible module.

For example, in the case of Type1PS, please use Type1PS platform files and module name 1PS instead of 1GC.

### 1.2. References documentation

N1-5002\_Type1GC\_1PS-Quick\_Start\_Guide.pdf

## 2. Memory usage

### 2.1. Software requirements

Make Target: snip.https\_server-MurataType1GC download run

### 2.2. Memory Usage

This memory usage depends on WICED version.

| Modules                          | Flash | RAM    |
|----------------------------------|-------|--------|
| App                              | 0     | 1918   |
| Crc                              | 0     | 1060   |
| DHCP_Server                      | 0     | 1556   |
| DNS                              | 0     | 108    |
| HTTP_Server                      | 0     | 3798   |
| Interrupt Vectors                | 0     | 288    |
| Libc                             | 0     | 38585  |
| Linked_List                      | 0     | 456    |
| Networking                       | 0     | 26146  |
| NetX-Duo - Interfaces & Stacks   | 0     | 16     |
| NVRam                            | 0     | 2109   |
| Other                            | 0     | 225622 |
| Packet Buffers                   | 0     | 74412  |
| Platform                         | 0     | 556    |
| RAM Initialisation               | 32    | 0      |
| Resources                        | 0     | 96     |
| Ring_Buffer                      | 0     | 140    |
| Startup Stack & Link Script fill | 0     | 379    |
| Supplicant - BESL                | 0     | 4484   |
| ThreadX                          | 0     | 12924  |

|              |   |        |
|--------------|---|--------|
| WICED        | 0 | 5292   |
| Wiced_RO_FS  | 0 | 570    |
| WWD          | 0 | 2369   |
| Total(Bytes) | 0 | 402884 |

For more detail memory map, please refer to <WICED-Studio-xx>\43xxx\_Wi-Fi\build\snip.https\_server-MurataType1GC\binary\snip.https\_server-MurataType1GC\_map.csv

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