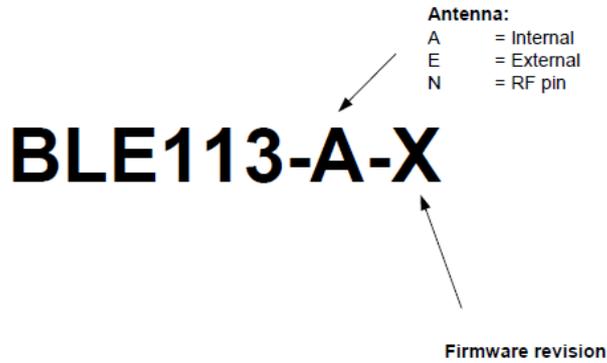


Product numbering/ordering information:



Product code	Description
BLE113-A	BLE113 with integrated chip antenna, 128k flash memory
BLE113-A-M256K	BLE113 with integrated chip antenna, 256k flash memory

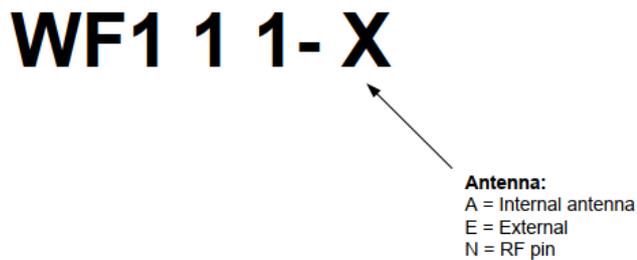


Table 1.1. Confirmed Products and Codes

Product Code	Description
WF111-A-v1	WF111 module with internal chip antenna
WF111-E-v1	WF111 module with U.FL connector for external antenna
WF111-N-v1	WF111 module with 50 RF pin (Please contact Silicon Labs sales at www.silabs.com for availability)
DKWF111	WF111-A SDIO evaluation kit
WF111-A-v1-ETSI	ETSI version of WF111-A has 13 channels. This device is not FCC/IC compliant.
WF111-E-v1-ETSI	ETSI version of WF111-E has 13 channels. This device is not FCC/IC compliant .

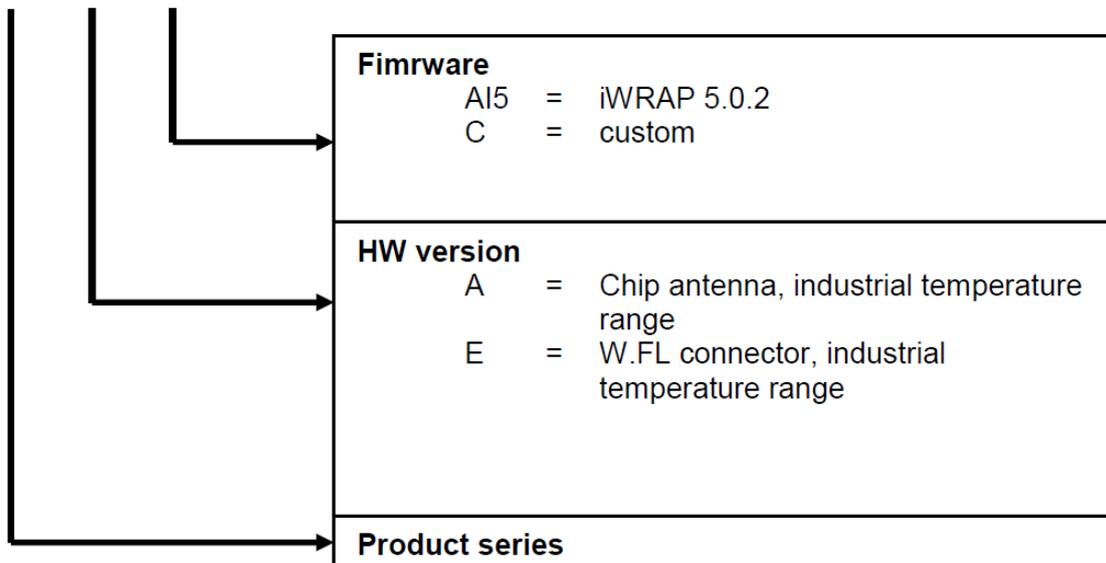
WF121

Product code	Description
WF121-A	WF121 module with integrated antenna
WF121-E	WF121 module with U.FL connector
WF121-N	WF121 module with RF pin. Non-standard product, so minimum order quantity applies. Please contact: sales@bluegiga.com
DKWF121	WF121 development kit

Note: Modules with order code ending in -v1 are sold as engineering samples, while those with code -v2 are production units. The difference between the two is in the microcontroller version used, the -v2 version fixes a hardware bug that in some circumstances may cause rare bit errors. The modules differ in outlook in that the -v1 only has the Bluegiga logo and text "WF121" while -v2 versions also have FCC/IC ID codes and CE logo.

WT32i

WT32i-A-AI



BLED112

BLED112 Overview



- **Bluetooth low energy radio**
 - Frequency: 2402 – 2480 MHz
 - TX power: 0 dBmRX
 - sensitivity: -93 dBm
 - Modulation: GFSK
 - Symbol rate: 1 Mbps
- **Antenna**
 - Integrated PCB antenna
- **Typical line of sight range:**
 - +0dbm: 20-40 meters
 - -20 dBm: ~5 meters

Photographs of the samples:

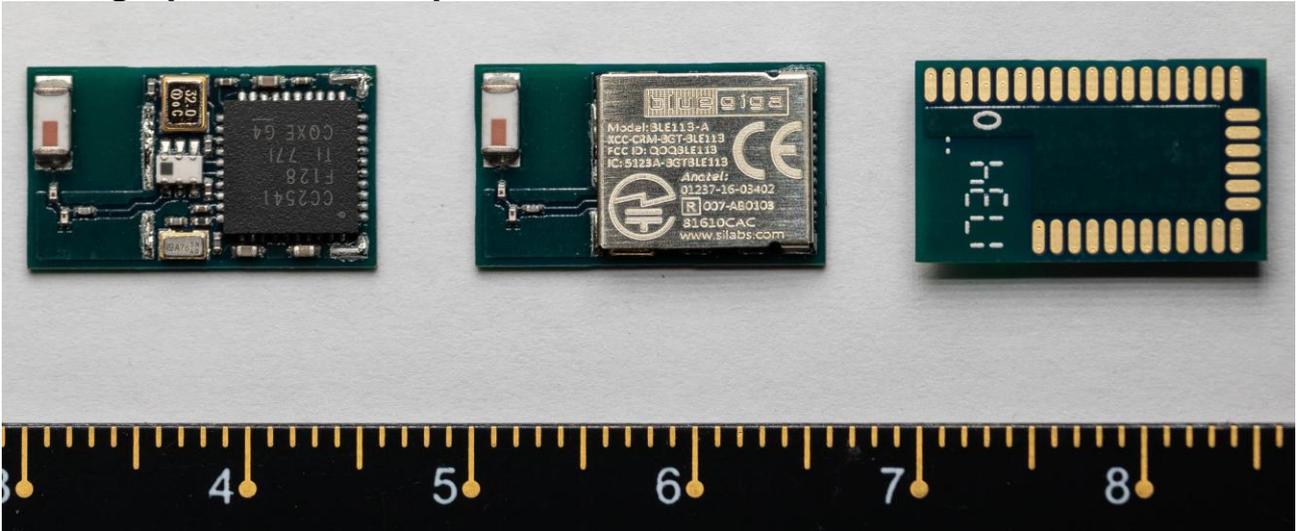


Figure 1 BLE113-A

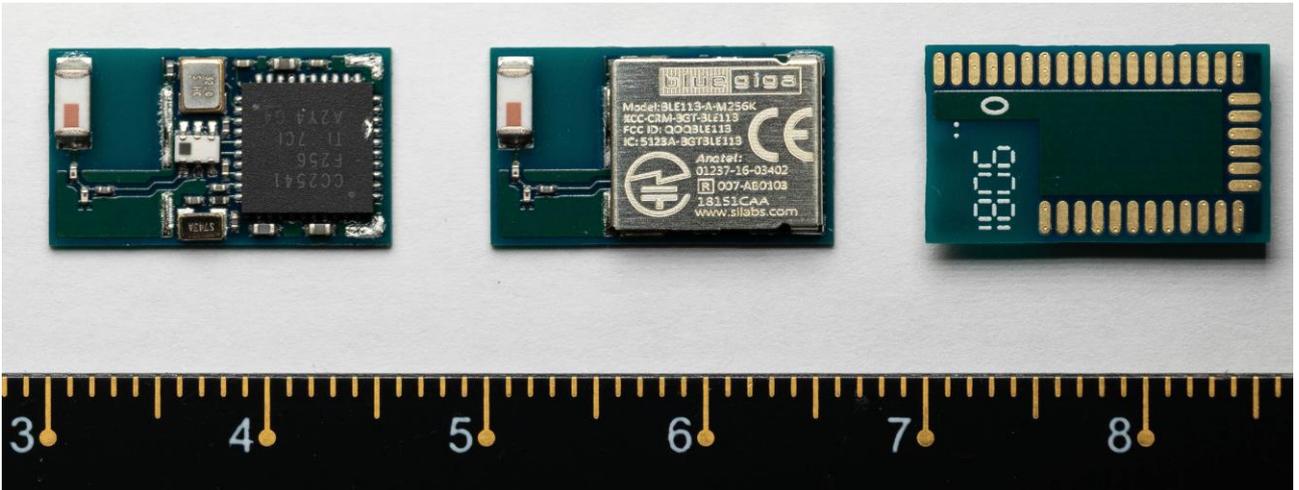


Figure 2 BLE113-A-M256K

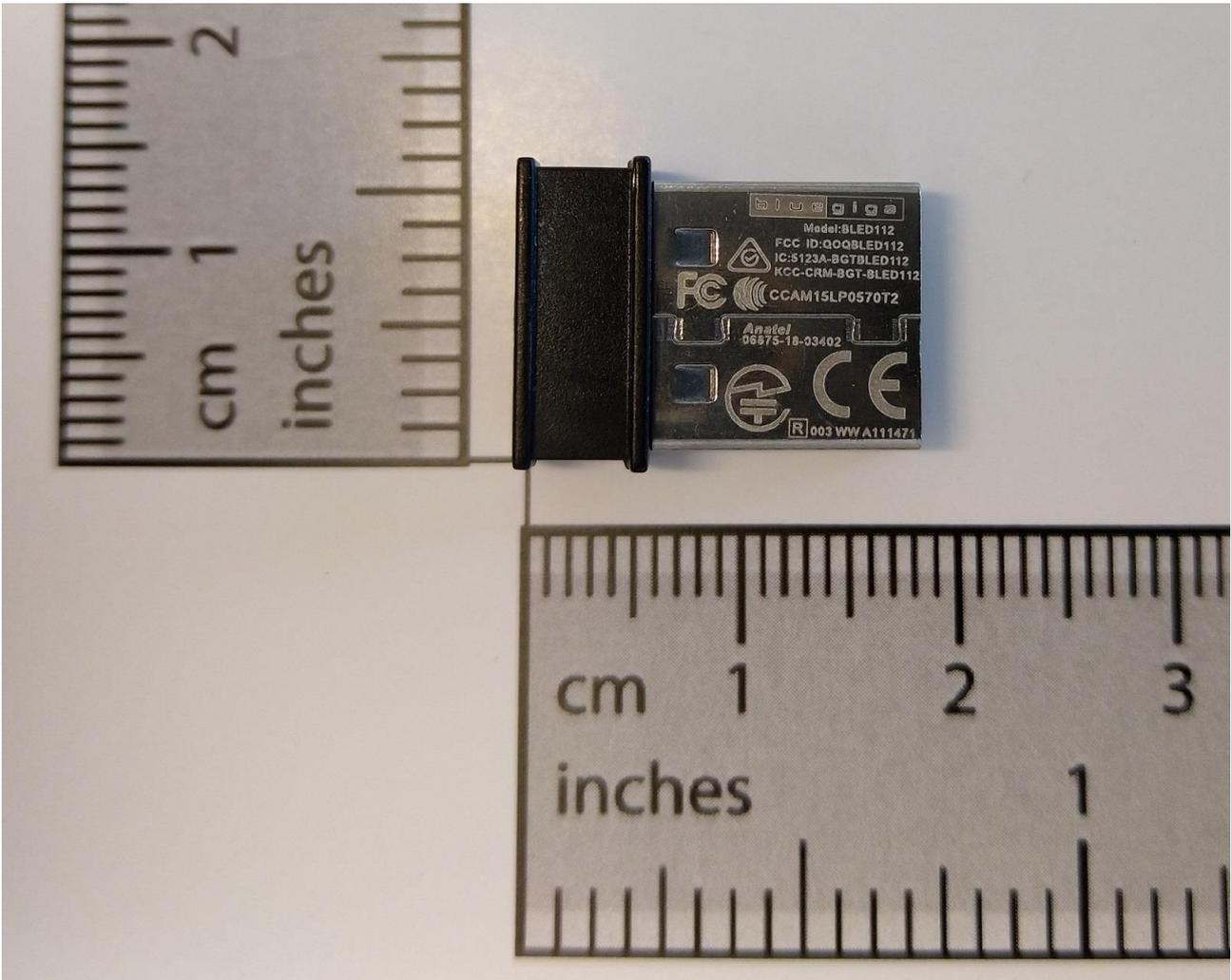


Figure 3 BLED112

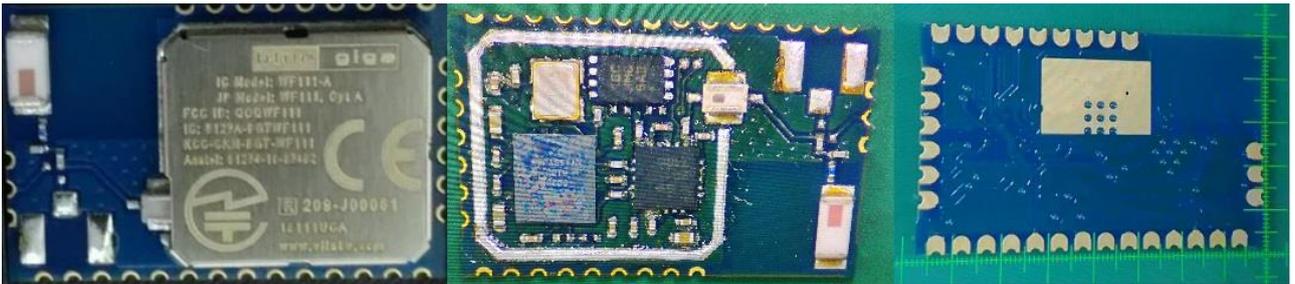


Figure 4 WF111-A

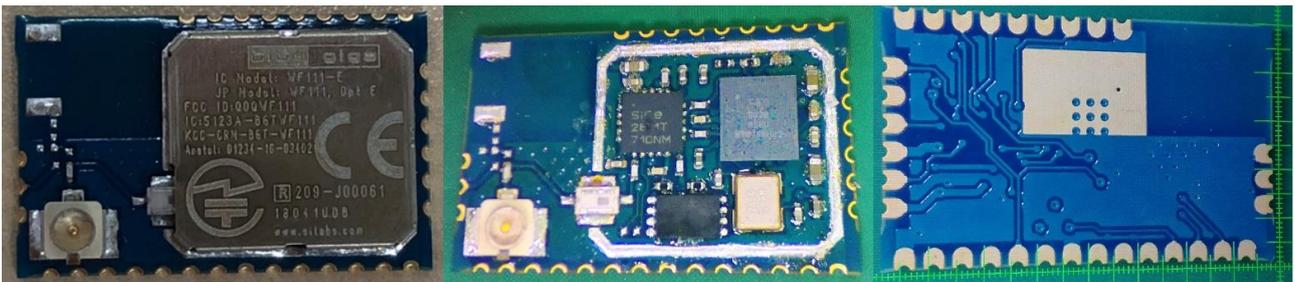


Figure 5 WF111-E

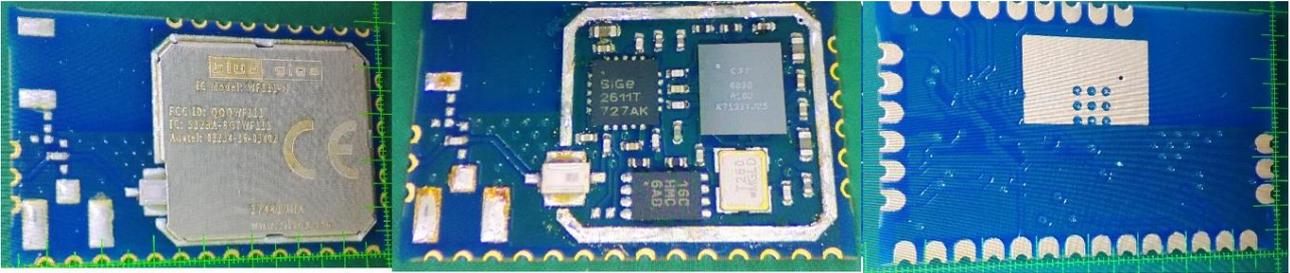


Figure 6 WF111-N

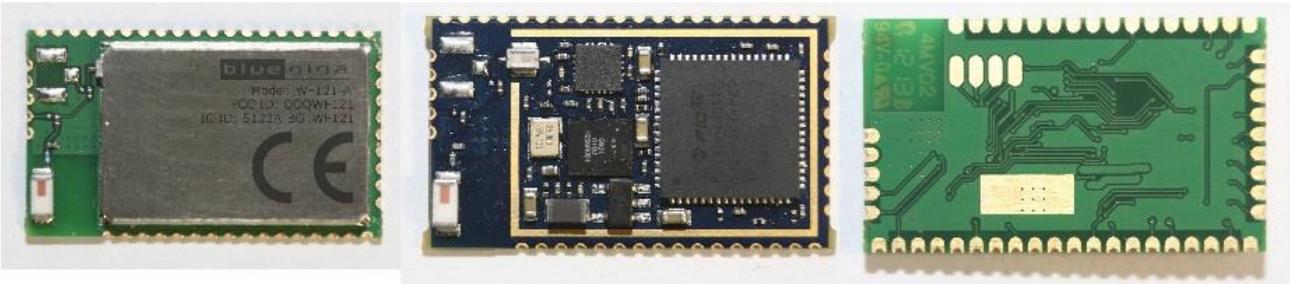


Figure 7 WF121-A

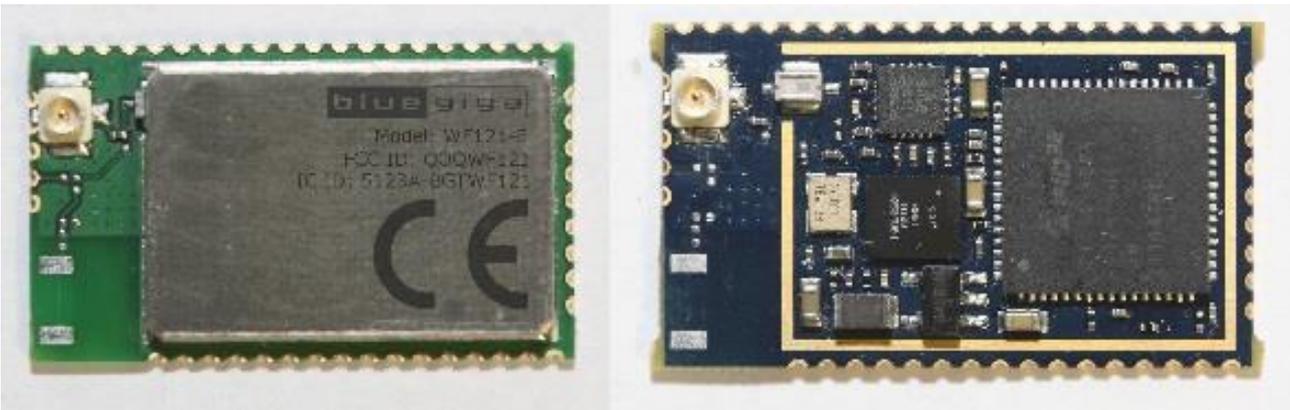


Figure 8 WF121-E

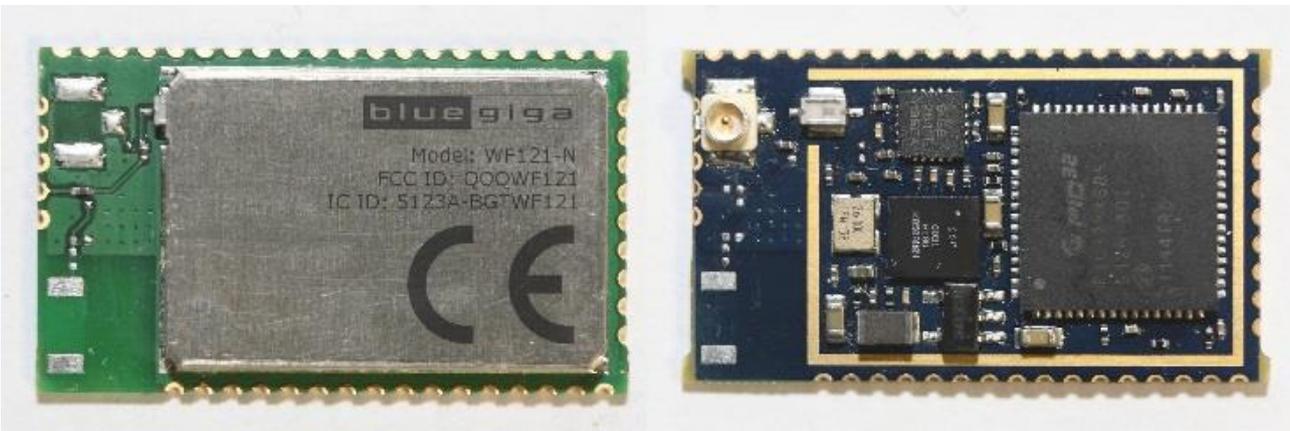


Figure 9 WF121-N

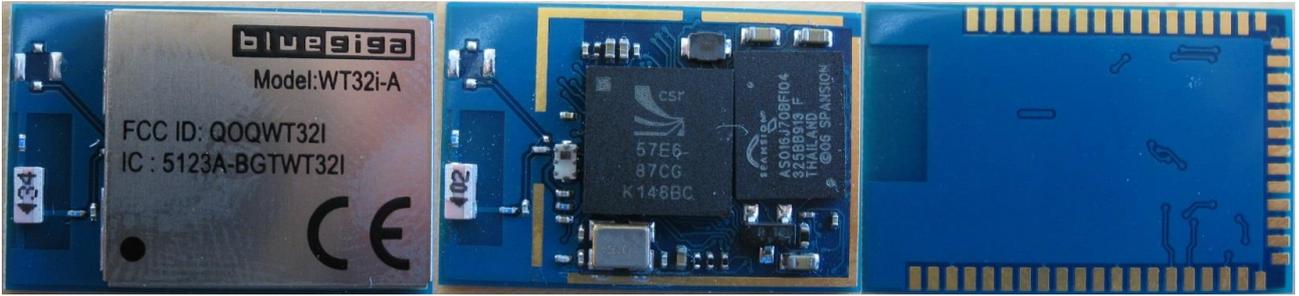


Figure 10 WT32i