



ZigBeeNet™ Software 1.0

Application Note

Using external UID chip with ZigBit

Summary

This application note describes how to use an external Unique ID (UID) chip with ZigBit modules (e.g. for storing the MAC address of the device built around ZigBit).

Intended audience

This paper is intended for system designers and hardware developers who want to add the Unique ID functionality to the devices built around MeshNetics ZigBit modules.

Related documents:

- [1] ZigBit™ OEM Modules. Product Datasheet. MeshNetics Doc. M-251~01
- [2] ZigBeeNet™ Product Datasheet. MeshNetics Doc. M -252~08

MeshNetics ZigBee stack **Error! Reference source not found.** is set up to automatically detect the presence of DS2411R on the 1-wire bus. If you choose to use another UID chip, then you must assign the MAC address programmatically at the application start. Please consult the stack's API reference manual for further details.

Conclusion

The UID chip can be used for providing unique 64-bit MAC address at the additional expense and slight modifications to the PCB design. It is up to developers to decide, whether or not this approach is suitable for the system being designed (based on projected manufactured quantities, device prices, etc.)