RUTX11 MAC

A **media access control** (**MAC**) address is a unique identifier assigned to network interfaces for communications at the data link layer of a network segment. MAC addresses are used as a network address for most IEEE 802 network technologies, including Ethernet and WiFi.

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MAC address structure

A MAC address is comprised of six octets or in other words, six 8 bit long segments. The first three octets make up the **Organisationally Unique Identifier** (**OUI**), i.e., it can be used to identify the device's manufacturer. Refer to the figure below for a visual representation:

Teltonika OUI

Starting with week 9 of 2023, most manufactured Teltonika Networks devices will have a new MAC address ranging from 20:97:27:00:00:00 to 20:97:27:FF:FF:FF.
Note: that certain devices will have a primary MAC address ranging from 00:1E:42:00:00:00 to 00:1E:42:FF:FF:FF.

The following MAC addresses belong to Teltonika:

Vendor	MAC prefix (OUI)	Possible MAC addresses
TELTONIKA NETWORKS UAB	20:97:27	20:97:27: **[00:00:00** - **FF:FF:FF]**
Teltonika	00:1E:42	00:1E:42: **[00:00:00** - **FF:FF:FF]**

External links

- MAC address vendor search: https://regauth.standards.ieee.org/standards-ra-web/pub/view.html#registries
- Some information was taken and modified from Wikipedia: https://en.wikipedia.org/wiki/MAC_address