

Model Difference Declaration

We, the undersigned, declare that our product **XSENSE RTL** has subset models.

Each subset has the same enclosure and electronic card as its superset model, but specific sensors are removed from the electronic card for each subset model compared to the corresponding superset model.

The sensors that are removed do not change the radio functions.

The reason for removing these sensors is to save prices for functions that are not required for specific applications.

In addition, some of the subsets may have another cellular modem, different batteries and without BLE.

Our worst-case superset model (BLE + Cellular 4G) has been tested –

- Cellular modem – 4G_CatM1 (Telit_ME310G1-WW and Quectil_BG95)
- USB power source (for emergency use)
- Battery – Alkaline 6xLR61.

Sensors – Temperature, Humidity, Light, acceleration, CO2, and pressure.

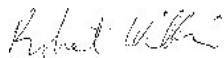
Cellular modems –

- Telit_CatM1_ME310G1-WW
 - FCC ID: RI7ME310G1WW
- Quectil_2G_M95
 - FCC ID - XMR201512M95
- Quectil_CatM1_BG95
 - FCC ID: XMR201910BG95M3
- Quectil_Cat1_EG915U-LA
 - FCC ID: XMR202111EG915ULA
- Quectil_Cat1_EG915N-LA
 - FCC ID: XMR202311EG915NLA

Batteries – Alkaline 6xAA, Alkaline 6xAAA and Alkaline 6xLR61.

Controller Name: Robert Williams

Signature:



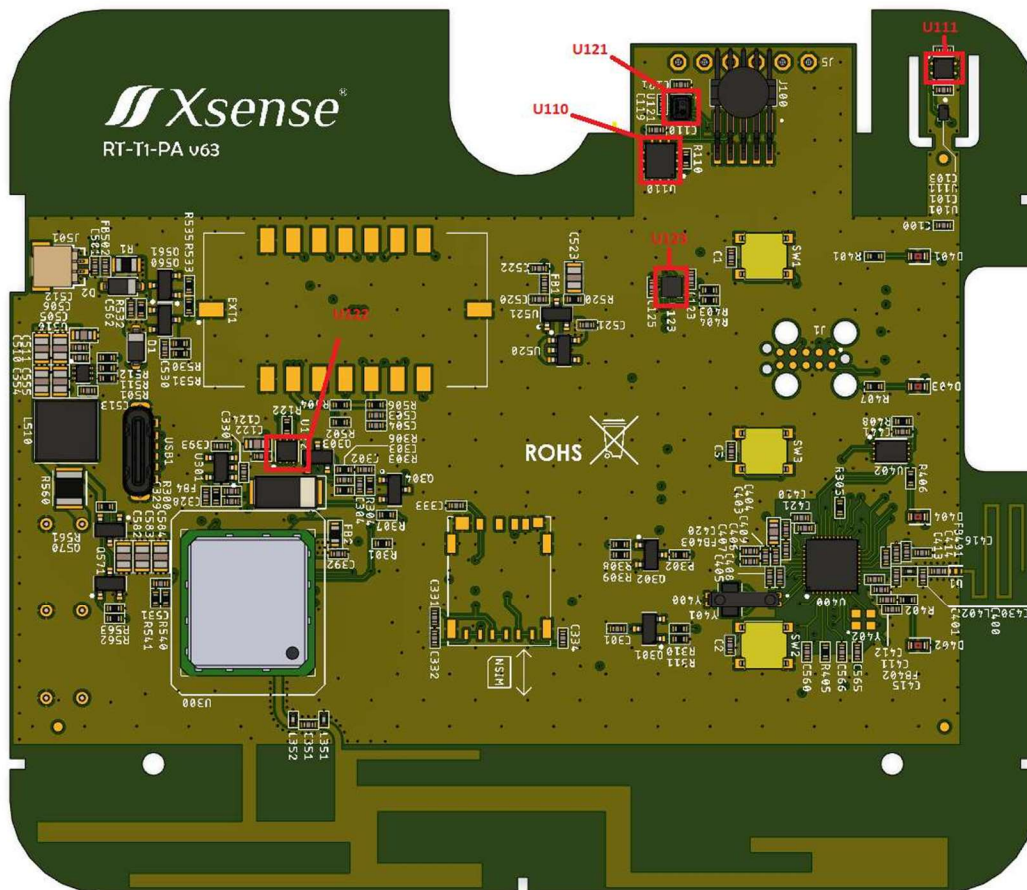
Stamp:

Xsense Ltd.

Tefen, Dolev 33, 24959 Israel

Reg. No. 51-473495-3

Sensors:



- U110** – CO2 sensor
- U111** – Temperature and humidity sensor
- U121** – Pressure sensor
- U122** – light sensor
- U123** – acceleration sensor

Models:

- Telit_CatM1_ME310G1-WW **AA battery + BLE** (model XRT20010)
- Telit_CatM1_ME310G1-WW **AA battery without BLE** (model XRT20009)



Telit ME310G1-WW			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE Cat-M1	B1	1920 - 1980	2110 - 2170
	B2	1850 - 1910	1930 - 1990
	B4	1710 - 1755	2110 - 2155
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960
	B12	698 - 716	728 - 746
	B13	777 - 787	746 - 756
	B18	815 - 830	860 - 875
	B19	830 - 845	875 - 890
	B25	1850 - 1915	1930 - 1995
	B26	814 - 849	859 - 894
	B27	807 - 824	852 - 869
	B28	703 - 748	758 - 803
	B66	1710 - 1780	2110 - 2200
	B71	663 - 698	617 - 652
	B85	698 - 716	728 - 746
GSM	B2	1850 - 1910	1930 - 1990
	B3	1710 - 1785	1805 - 1880
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960

- Telit_CatM1_ME310G1-WW **AAA battery + BLE** (model XRT20110)
- Telit_CatM1_ME310G1-WW **AAA battery without BLE** (model XRT20109)



Telit ME310G1-WW			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE Cat-M1	B1	1920 - 1980	2110 - 2170
	B2	1850 - 1910	1930 - 1990
	B4	1710 - 1755	2110 - 2155
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960
	B12	698 - 716	728 - 746
	B13	777 - 787	746 - 756
	B18	815 - 830	860 - 875
	B19	830 - 845	875 - 890
	B25	1850 - 1915	1930 - 1995
	B26	814 - 849	859 - 894
	B27	807 - 824	852 - 869
	B28	703 - 748	758 - 803
	B66	1710 - 1780	2110 - 2200
	B71	663 - 698	617 - 652
	B85	698 - 716	728 - 746
GSM	B2	1850 - 1910	1930 - 1990
	B3	1710 - 1785	1805 - 1880
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960

- Telit_CatM1_ME310G1-WW **AAAA battery + BLE** (model XRT20210)
- Telit_CatM1_ME310G1-WW **AAAA battery without BLE** (model XRT20209)



Telit ME310G1-WW			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE Cat-M1	B1	1920 - 1980	2110 - 2170
	B2	1850 - 1910	1930 - 1990
	B4	1710 - 1755	2110 - 2155
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960
	B12	698 - 716	728 - 746
	B13	777 - 787	746 - 756
	B18	815 - 830	860 - 875
	B19	830 - 845	875 - 890
	B25	1850 - 1915	1930 - 1995
	B26	814 - 849	859 - 894
	B27	807 - 824	852 - 869
	B28	703 - 748	758 - 803
	B66	1710 - 1780	2110 - 2200
	B71	663 - 698	617 - 652
	B85	698 - 716	728 - 746
GSM	B2	1850 - 1910	1930 - 1990
	B3	1710 - 1785	1805 - 1880
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960

- Qectil_2G_M95 **AA battery + BLE** (model XRT10010)
- Qectil_2G_M95 **AA battery without BLE** (model XRT10009)



Quectel M95			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE	-	-	-
GSM	B2	1850 - 1910	1930 - 1990
	B3	1710 - 1785	1805 - 1880
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960

- Quectil_2G_M95 **AAA battery + BLE** (model XRT101110)
- Quectil_2G_M95 **AAA battery without BLE** (model XRT10109)



Quectel M95			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE	-	-	-
GSM	B2	1850 - 1910	1930 - 1990
	B3	1710 - 1785	1805 - 1880
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960

- Quectil_2G_M95 AAAA battery + BLE (model XRT10210)
- Quectil_2G_M95 AAAA battery without BLE (model XRT10209)



Quectel M95			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE	-	-	-
GSM	B2	1850 - 1910	1930 - 1990
	B3	1710 - 1785	1805 - 1880
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960

- Quectil_CatM1_BG95 AA battery + BLE (model XRT20029)
- Quectil_CatM1_BG95 AA battery without BLE (model XRT20028)



Quectel BG95 (global)			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE Cat-M1	B1	1920 – 1980	2110 – 2170
	B2	1850 – 1910	1930 – 1990
	B4	1710 – 1755	2110 – 2155
	B5	824 – 849	869 – 894
	B8	880 – 915	925 – 960
	B12	698 – 716	728 – 746
	B13	777 – 787	746 – 756
	B18	815 – 830	860 – 875
	B19	830 – 845	875 – 890
	B20	832 – 862	791 – 821
	B25	1850 – 1915	1930 – 1995
	B26	814 – 849	859 – 894
	B27	807 – 824	852 – 869
	B28	703 – 748	758 – 803
	B66	1710 – 1780	2110 – 2200
GSM	B2	1850 – 1910	1930 – 1990
	B3	1710 – 1785	1805 – 1880
	B5	824 – 849	869 – 894
	B8	880 – 915	925 – 960

- Quectil_CatM1_BG95 **AAA battery + BLE** (model XRT20129)
- Quectil_CatM1_BG95 **AAA battery without BLE** (model XRT20128)



Quectel BG95 (global)			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE Cat-M1	B1	1920 – 1980	2110 – 2170
	B2	1850 – 1910	1930 – 1990
	B4	1710 – 1755	2110 – 2155
	B5	824 – 849	869 – 894
	B8	880 – 915	925 – 960
	B12	698 – 716	728 – 746
	B13	777 – 787	746 – 756
	B18	815 – 830	860 – 875
	B19	830 – 845	875 – 890
	B20	832 – 862	791 – 821
	B25	1850 – 1915	1930 – 1995
	B26	814 – 849	859 – 894
	B27	807 – 824	852 – 869
	B28	703 – 748	758 – 803
GSM	B66	1710 – 1780	2110 – 2200
	B2	1850 – 1910	1930 – 1990
	B3	1710 – 1785	1805 -1880
	B5	824 – 849	869 – 894
	B8	880 – 915	925 – 960

- Quectil_CatM1_BG95 AAAA battery + BLE (model XRT20229)
- Quectil_CatM1_BG95 AAAA battery without BLE (model XRT20228)



Quectel BG95 (global)			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE Cat-M1	B1	1920 - 1980	2110 - 2170
	B2	1850 - 1910	1930 - 1990
	B4	1710 - 1755	2110 - 2155
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960
	B12	698 - 716	728 - 746
	B13	777 - 787	746 - 756
	B18	815 - 830	860 - 875
	B19	830 - 845	875 - 890
	B20	832 - 862	791 - 821
	B25	1850 - 1915	1930 - 1995
	B26	814 - 849	859 - 894
	B27	807 - 824	852 - 869
	B28	703 - 748	758 - 803
	B66	1710 - 1780	2110 - 2200
GSM	B2	1850 - 1910	1930 - 1990
	B3	1710 - 1785	1805 - 1880
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960

- Quectil_Cat1_EG915N-LA **AA battery + BLE** (model XRT30010)
- Quectil_Cat1_EG915N-LA **AA battery without BLE** (model XRT30009)



Quectel EG915N-LA			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE Cat-1	B2	1850 - 1910	1930 - 1990
	B3	1850 - 1910	1930 - 1990
	B4	1710 - 1755	2110 - 2155
	B5	824 - 849	869 - 894
	B7	2500 - 2570	2620 - 2690
	B8	880 - 915	925 - 960
	B28	703 - 748	758 - 803
GSM	B66	1710 - 1780	2110 - 2200
	B2	1850 - 1910	1930 - 1990
	B3	1710 - 1785	1805 - 1880
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960

- Quectil_Cat1_EG915N-LA AAA battery + BLE (model XRT30110)
- Quectil_Cat1_EG915N-LA AAA battery without BLE (model XRT30109)



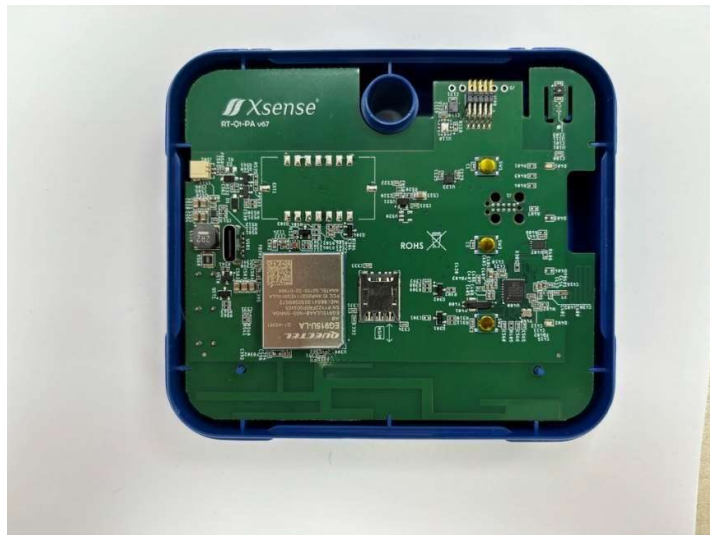
Quectel EG915N-LA			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE Cat-1	B2	1850 – 1910	1930 – 1990
	B3	1850 – 1910	1930 – 1990
	B4	1710 – 1755	2110 – 2155
	B5	824 – 849	869 – 894
	B7	2500 – 2570	2620 – 2690
	B8	880 – 915	925 – 960
	B28	703 – 748	758 – 803
GSM	B66	1710 – 1780	2110 – 2200
	B2	1850 – 1910	1930 – 1990
	B3	1710 – 1785	1805 -1880
	B5	824 – 849	869 – 894
	B8	880 – 915	925 – 960

- Quectil_Cat1_EG915N-LA **AAAA battery + BLE** (model XRT30210)
- Quectil_Cat1_EG915N-LA **AAAA battery without BLE** (model XRT30209)



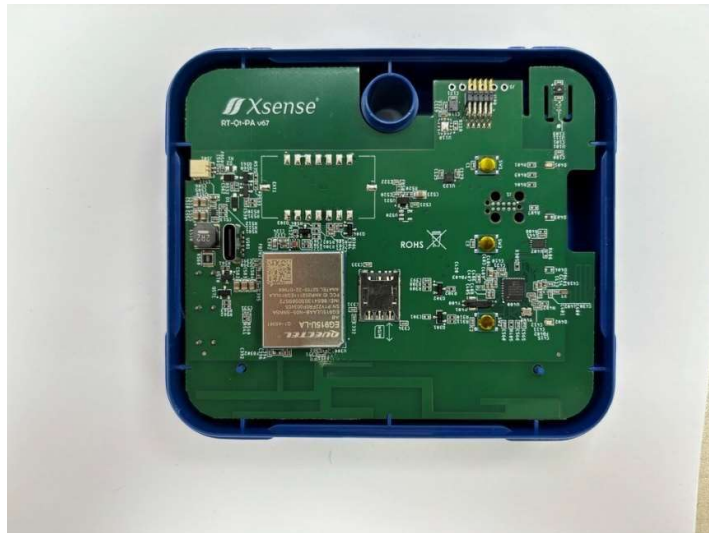
Quectel EG915N-LA			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE Cat-1	B2	1850 - 1910	1930 - 1990
	B3	1850 - 1910	1930 - 1990
	B4	1710 - 1755	2110 - 2155
	B5	824 - 849	869 - 894
	B7	2500 - 2570	2620 - 2690
	B8	880 - 915	925 - 960
	B28	703 - 748	758 - 803
	B66	1710 - 1780	2110 - 2200
GSM	B2	1850 - 1910	1930 - 1990
	B3	1710 - 1785	1805 - 1880
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960

- Quectil_Cat1_EG915U-LA **AA battery + BLE** (model XRT30029)
- Quectil_Cat1_EG915U-LA **AA battery without BLE** (model XRT30028)



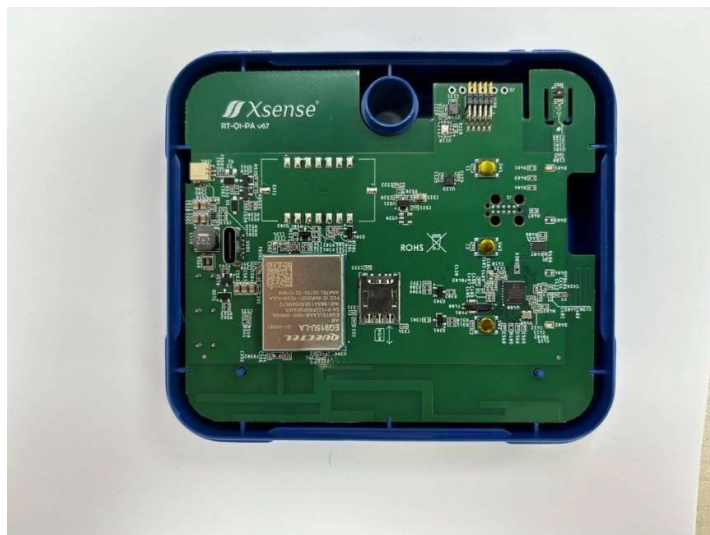
Quectel EG915U-LA			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE Cat-1	B2	1850 – 1910	1930 – 1990
	B3	1850 – 1910	1930 – 1990
	B4	1710 – 1755	2110 – 2155
	B5	824 – 849	869 – 894
	B7	2500 – 2570	2620 – 2690
	B8	880 – 915	925 – 960
	B28	703 – 748	758 – 803
	B66	1710 – 1780	2110 – 2200
GSM	B2	1850 – 1910	1930 – 1990
	B3	1710 – 1785	1805 -1880
	B5	824 – 849	869 – 894
	B8	880 – 915	925 – 960

- Qectil_Cat1_EG915U-LA **AAA battery + BLE** (model XRT30129)
- Qectil_Cat1_EG915U-LA **AAA battery without BLE** (model XRT30128)



Quectel EG915U-LA			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE Cat-1	B2	1850 – 1910	1930 – 1990
	B3	1850 – 1910	1930 – 1990
	B4	1710 – 1755	2110 – 2155
	B5	824 – 849	869 – 894
	B7	2500 – 2570	2620 – 2690
	B8	880 – 915	925 – 960
	B28	703 – 748	758 – 803
	B66	1710 – 1780	2110 – 2200
GSM	B2	1850 – 1910	1930 – 1990
	B3	1710 – 1785	1805 – 1880
	B5	824 – 849	869 – 894
	B8	880 – 915	925 – 960

- Qectil_Cat1_EG915U-LA **AAAA battery + BLE** (model XRT30229)
- Qectil_Cat1_EG915U-LA **AAAA battery without BLE** (model XRT30228)



Quectel EG915U-LA			
Standard	Band Number	Uplink frequency range, MHz	Downlink frequency range, MHz
LTE Cat-1	B2	1850 - 1910	1930 - 1990
	B3	1850 – 1910	1930 – 1990
	B4	1710 - 1755	2110 - 2155
	B5	824 - 849	869 - 894
	B7	2500 – 2570	2620 – 2690
	B8	880 - 915	925 - 960
	B28	703 - 748	758 - 803
	B66	1710 - 1780	2110 - 2200
GSM	B2	1850 - 1910	1930 - 1990
	B3	1710 - 1785	1805 -1880
	B5	824 - 849	869 - 894
	B8	880 - 915	925 - 960

External photos:

