



TEKTELIC COMMUNICATIONS INC.

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PROPRIETARY:

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Revision History

Version	Date	Comments
1.0	March 18, 2020	Initial Release

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1 Family Certification Information

The T0005978 Agriculture Sensor family consist of two variants: Farm and Greenhouse. The individual LoRa transceivers in each variant are all electrically identical. There is no post factory module configuration allowed.

Table 1-1 presents the Tablet variants which are being certified.

Table 1-1 Agriculture Sensor Variants

Product Code	Description	PCBA	RF Region	Tx Band (MHz)	Rx Band (MHz)
T0005982	MODULE, AGRICULTURE SENSOR, GREENHOUSE, LORA, NA	T0005980	US902-928	902.3-914.9	923.3-927.5
T0005986	MODULE, AGRICULTURE SENSOR, FARM, LORA, NA	T0005980	US902-928	902.3-914.9	923.3-927.5

The differences in features supported by the two variants are listed Table 1-2.

Table 1-2: Features supported by Tablet models

Sensing Function	Agriculture Sensor Variant	
	Farm	Greenhouse
LoRa Radio	X	X
Ambient Temperature	X	X
Ambient Relative Humidity	X	X
MCU Temperature	X	X
Ambient Light	X	X
Accelerometer	X	X
Soil Moisture		X
Soil Temperature		X
Reed Switch	X	X
Internal Connector (Analog Input/Remote Soil Water Tension)	X	

An illustration of the Agriculture Sensor variants can be seen in Figure 1-1, Figure 1-2.



Figure 1-1: Agriculture Sensor Greenhouse Variant



Figure 1-2: Agriculture Sensor Farm Variant

2 References

There are no sources in the current document.