

JANUS REMOTE COMMUNICATIONS

Embedded Cellular XF Footprint LTE910XF CAT 3 Plug-In Modem

Description

The LTE910XF CAT 3 Plug-In modem, based on the industry standard 20-pin connector footprint, is a PTCRB and Carrier end device certified LTE modem for use on CAT 3 networks globally.

The AT&T LTE910XF v1.00 XF Plug-In modem is an LTE Category 3 4G cellular modem. They utilize the Telit LE910-NAG module as their cellular engine. The LTE910XF v1.00 units operate in LTE bands (B17), (B5), (B4) and (B2), with fallback to GSM, GPRS, EDGE, UMTS, or HSPA+ networks as needed.

The Verizon LTE910XF v3.00 XF Footprint Plug-In modem is an LTE Category 3 Carrier end device certified 4G cellular modem. They utilize the Telit LE910-SVG module as their cellular engine. The LTE910XF v3.00 units operate in LTE bands (B13) and (B4). End device certification allows users to implement the LTE910XF in their devices with no further North American carrier certification requirements.

Technical Specifications

Form Factor

Industry Standard 20-Pin Connector Interface
PCB Mount
1.14" x 1.3" x 0.256"

Approvals

Regulatory: FCC, GCF, PTCRB
Carrier: AT&T and Verizon

Temp Range: -40°C to 85°C

Input Voltage: 3.4 to 4.2Vdc

Data Rate:

LTE: 100.0D/50.0U Mbps
HSPA+: 42.0D/5.76U Mbps - v1.00
UMTS: 384.0D/384.0U Kbps - v1.00

Frequency Bands

2G Bands: GSM 850, PCS1900 - v1.00
3G Bands: B5 (850), B2 (1900) - v1.00
LTE Bands: B17 (700), B5 (850), B4 (1700), B2 (1900) - v1.00
LTE Bands B4 (1700), B13 (700) - v3.00

TCP/IP stack access via AT commands

Cellular, Rx Diversity & MIMO DL 2x2, and GPS GLONASS available via U.FL miniature RF connector

GPS

Stand alone GPS available at AT command interface
NMEA data
Dedicated GPS antenna connection with active antenna support



Features

- Industry Standard 20-Pin Connector Footprint
- 2 U.FL port for antenna diversity
- 1 U.FL for GPS & GLONASS
- Easy migration path, future-proof
- Development kits available
- Capable of 100 Mbps download / 50 Mbps upload speed

Advantages

- FCC & Verizon OD Certified
- Longest network life
- 100Mbps download/50Mbps upload
- Improved reception with RX diversity
- GPS+GLONASS option
- Bundled data plans available

Applications

Suitable for all IoT / M2M Applications

- Fleet Management
- Asset Tracking
- Security Systems
- Telemetry
- Telematics & Telecontrol
- Remote Monitoring Systems
- Remote Meter Reading
- Vending Machines

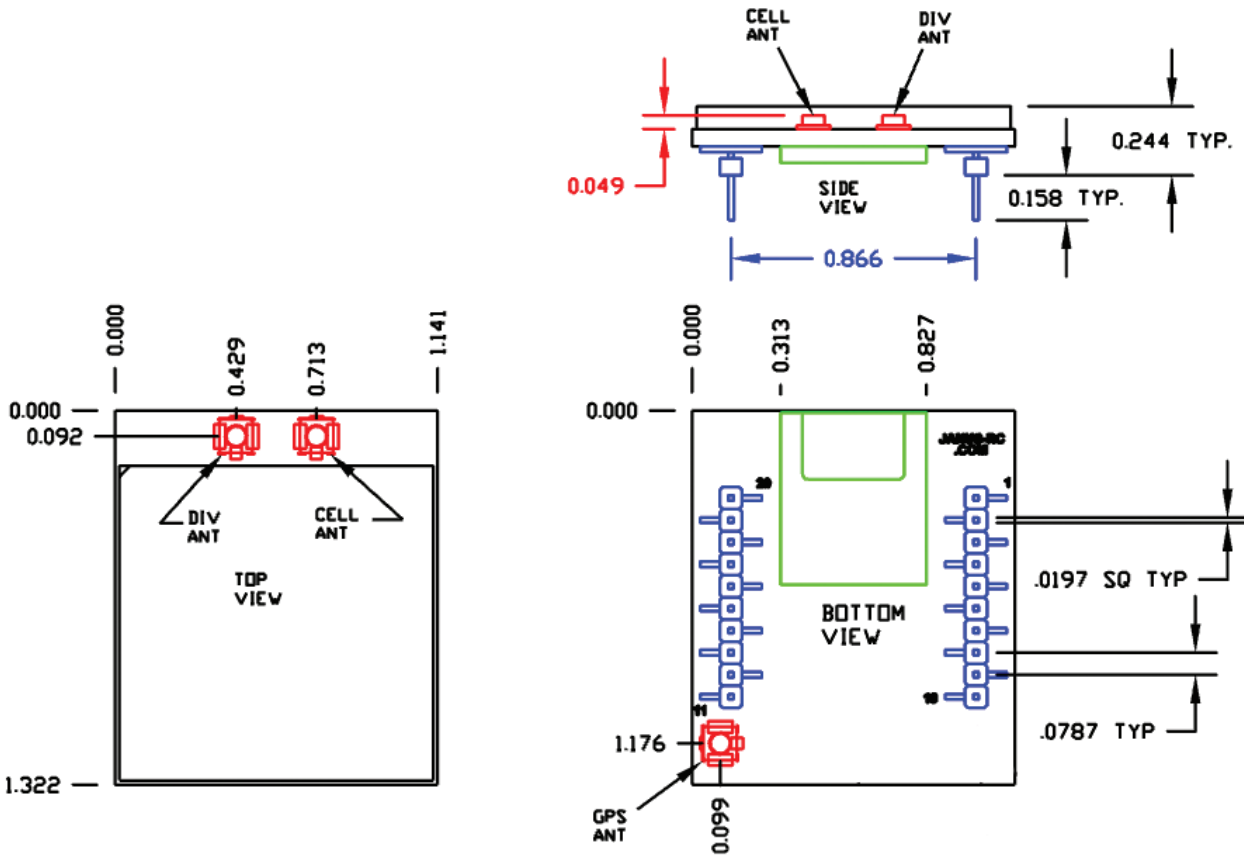
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Bulletin	JA20-PB_LTE
Revision	01
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HSPA910XF Mechanical Drawing



Ordering Information

LTE910XF	V100	T	A	U	V	N
Cellular Terminal LTE LTE910XF	Carrier Certified & Version LTE V100 = AT&T V300 = Verizon	Modem Provider T = Telit	Firmware A = Standard	Connector U for U.FL	Voltage V = Variable	Config Options N = No Config P = Provisioning A = Activation S = SIM Note 1

Example: Part Number – LTE910XFV100TAUVN = LTE Cellular Plug-In Terminal; AT&T Certified; Telit Modem; Standard Firmware with a U.FL Connector with a Variable Voltage with no configuration options.

Notes:

1. Config Options: Provisioning is turning on a device on the network. Activation is assigning MEID's to a customer account. SIM designation is for installation of the SIM

Contact Sales for Additional Special Order Options: Dave Jahr: djahr@janus-rc.com | 630-499-2121

Revision History

Revision	Revision Date	Note
00	08/29/17	Initial Release
01	09/19/17	Updated LTE bands and download and upload speeds

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