

Terminus Plug-In Series CDMA864CF / CDMA864VCF Terminal Module

Description

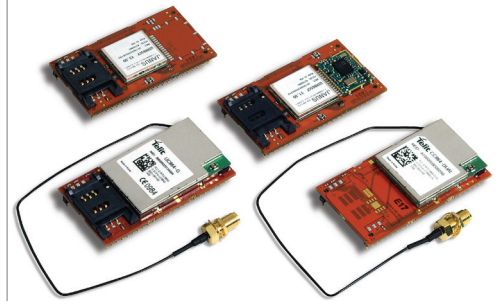
The Terminus Plug-In series of products are plug-in communication modules specifically designed for wireless M2M applications. Their multi-band design enables worldwide development of applications.

The Plug-In Terminus products allow users the option to change network and user configurability as technology and communication needs change. Three communication options, GSM, CDMA and UMTS are available within the one common board layout. Each unit will be a certified end product with a power supply and 5.0V operation. The GSM and UMTS modules will also include a SIM Card socket. To allow for easy integration, this terminal is available in an open frame option only.

The Terminus CDMA864CF/VCF are the CDMA communication modules of the Plug-In series. This 3G module provides M2M communication over CDMA networks.

CDMA864CF/VCF Features

- Dual-band CDMA 800 / 1900 MHz
- Air interface IS-95A/B and CDMA 2000
- 1xRTT Data up to 153.6Kbps (full duplex)
- TCP/IP stack access via AT commands
- Over-the-Air firmware management
- Voice and SMS (MO / MT)
- Full voice support includes Supplementary Services
- Output power
 - 24.3 dBm (270mW)
- Sensitivity:
 - ≤ -108 dBm @ 800 MHz
 - ≤ -108 dBm @ 1900 MHz
- Dimensions: 2.5" x 1.4" x 0.415"
- Operational Temperature Range: -30°C to 80°C
- Internal LDO regulator
 - Input Voltage range: 4.75 to 5.25Vdc (5.0Vdc Nominal)
 - Supply disable via terminal input pin
- GSM and GPS available via Murarta GSC miniature RF connector
- GPS
 - Standalone GPS available at AT command interface
 - GpsOne® (User and Control plane)
 - NMEA Data
 - GPS fix on Demand
 - Dedicated GPS antenna connection with active antenna support



Applications

Suitable for all M2M Applications

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

Terminus Models & Ordering

Ordering	Description
CDMA864CF V1.00	Terminus CDMA Plug-In Module - Sprint Certified
CDMA864VCF V1.00	Terminus CDMA Plug-In Module - Verizon Certified
Additional Plug-In Products	
GSM865CF V1.00	Terminus GSM Plug-In Module - GPS enabled
GSM865CF V2.00	Terminus GSM Plug-In Module - without GPS
UMTS864CF V1.00	Terminus UMTS Plug-In Module

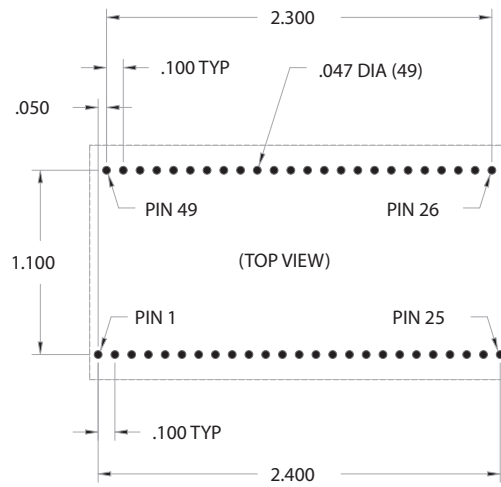
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Bulletin **JA03-PB_CDMA**
Revision **P01**
Date **10 June 2010**



Making machines talk.

Terminus Plug-In



CDMA Mechanical Drawing

