Lat: N 29 39 42.318
Lon: W 82 19 36.863

Date: Sept 23, 2009

DGRx V3 press release

DataGrid, Inc., (Gainesville, Florida) releases the 3rd generation of its programmable DGRx-GNSS receiver for OEM integrators. While most GNSS receivers have some degree of programmability, the DGRx provides direct access to the analogue GNSS signal for an unprecedented level of flexibility. Through a new technical support arrangement that can be fitted to customer needs, advanced users have the ability to access the raw signal and generate custom versions of the DGRx firmware. Or they may contract with DataGrid for the development. The DGRx gives integrators the option to support new signals as they emerge and to program their DGRx with custom features that differentiates their end user product from all others.

The DGRx is also available as a finished RTK-receiver with highly competitive performance and options selected from DataGrid's off-the-shelf firmware offering. Channels include GPS Navstar L1, L2, L2c, GLONASS L1, L2c, with SBAS or any subset of these with geodetic quality raw-data (code and carrier phases, Doppler shifts, etc…). GPS L5, GLONASS E5 and other bands/codes of your choice may require special agreement. The available library of DGRx off-the-shelf firmware features 4,000 search channels, 336 correlation channels and 2 SBAS channels for high performance RTK. An onboard RTK processor has support for a variety of operating mode including reference station networks with automatic dialup when hooked up via its serial port to a GSM modem or similar. Available customizations include an optimization for high dynamics up to 20 g (to authorized users) and a set of alternate multipath mitigation strategies that are optimized for the marine environments.

DGRx-GNSS V3.0 is expected to be available in production quantities starting in the first quarter of 2010. Please contact DataGrid for more information.

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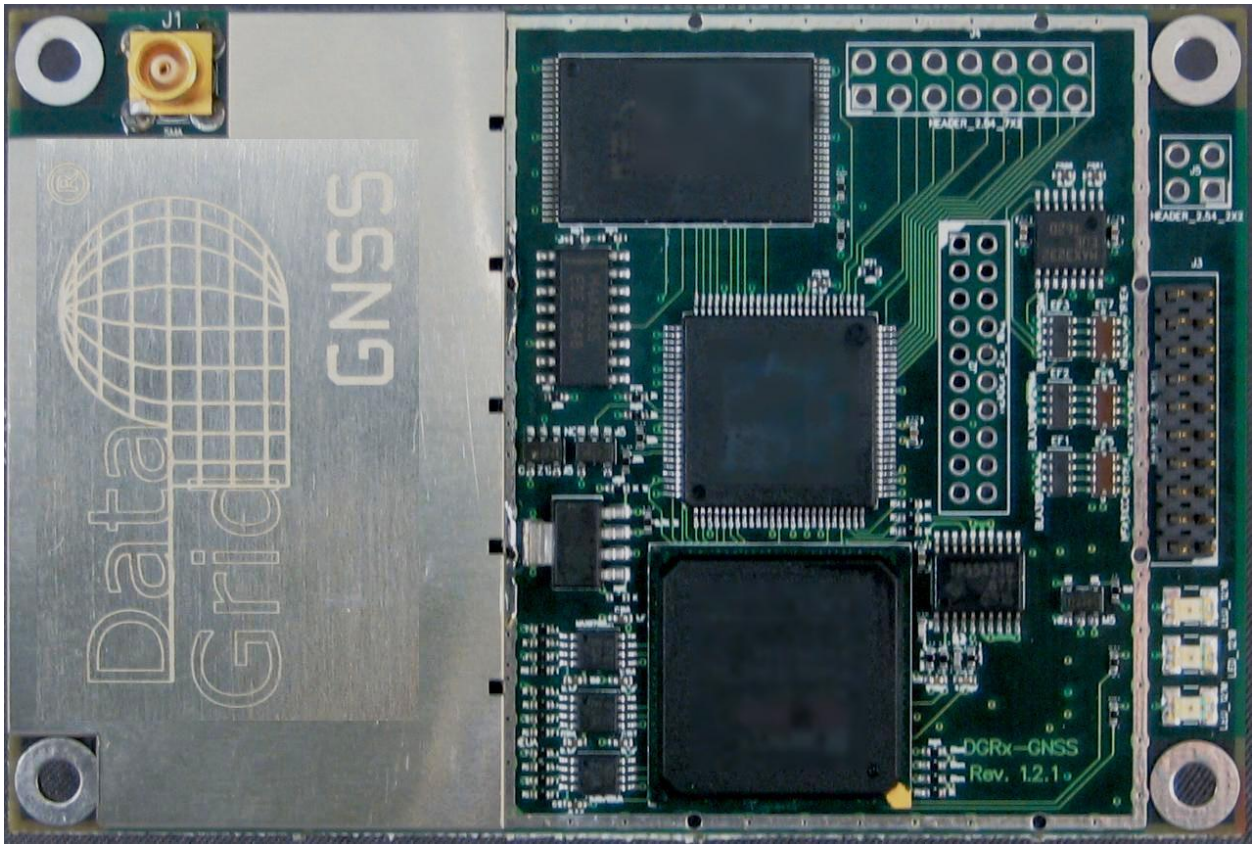

DGRx with the digital section exposed.

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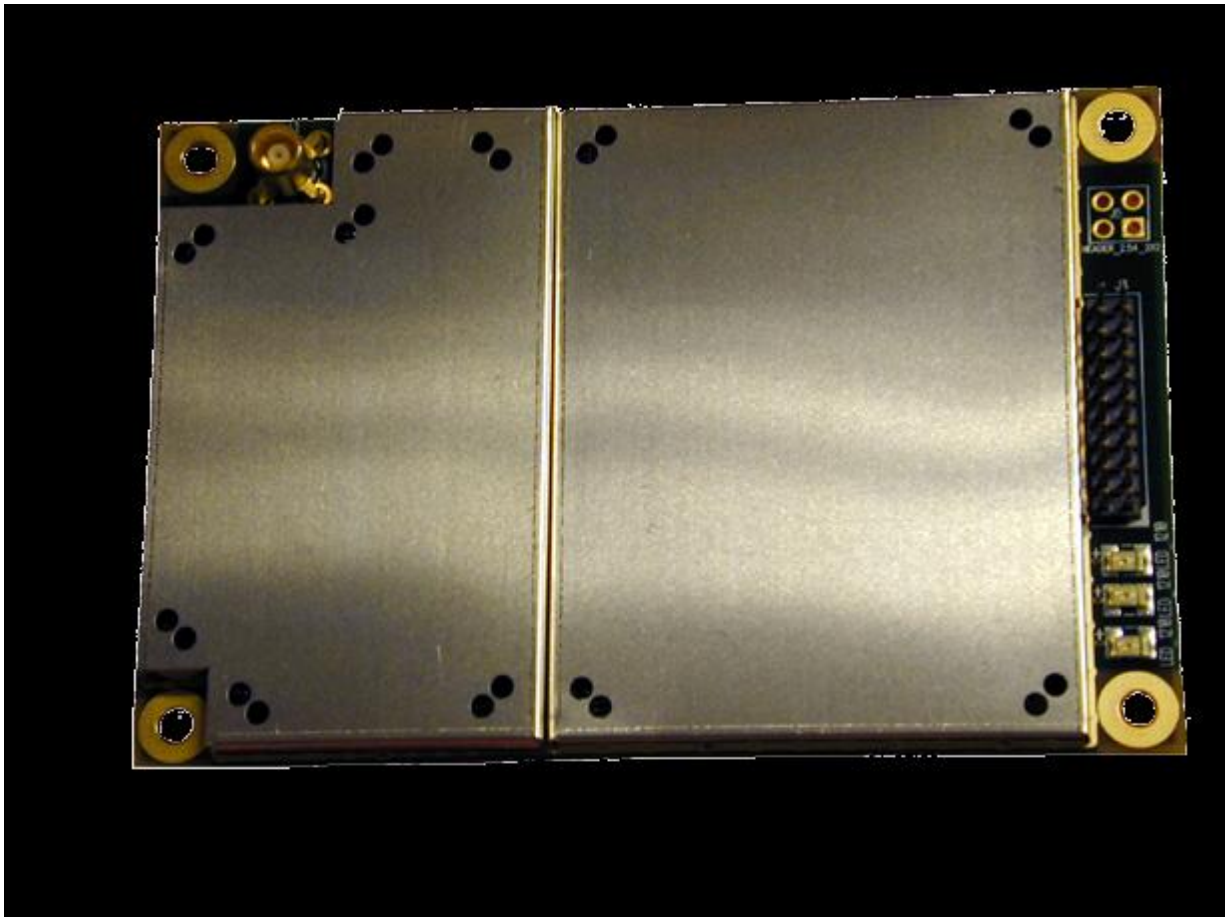

DGRx fitted with full screens.

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