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TELIT Quad-Band GSM/GPRS Modules Receive A-Tick Certification



[Telit Communications S.p.A.](#) (distributor: [GLYN](#)), a global wireless communications developer has announced the release of their latest Quad-Band RoHS-compliant GSM/GPRS modems now with A-Tick certification for Australia and New Zealand.

The A-Tick certified GM862-QUAD is the next generation of the established GM862 product family which continues Telit's success story in the field of easy to integrate GSM/GPRS modules for all industrial m2m applications. The development focus of the GM862-QUAD was on Pin-to-Pin compatibility to all existing GM862-based products, but adding Quad-Band functionality and RoHS compliance. The rugged design, extended temperature range, extended RF sensitivity, and integrated SIM Card reader makes the GM862-QUAD the ideal platform for medium volume projects. The GM862-QUAD-PY, also A-Tick certified, with its built-in Python script interpreter offers the possibility to run customer programs inside the module, thus making the module a complete hardware platform for individual customer solutions.

The A-Tick certified GE863-QUAD module, formerly known as Trizium, is the latest generation of the Trizium product family, adding Quad-Band functionality and RoHS compliance as well as additional new features. The unique Ball-Grid-Array (BGA) package enables a very low profile and small product size to design extremely compact applications. Since all connectors are eliminated, the solution cost is significantly reduced compared to conventional mounting concepts. With its low profile design, extended temperature range, and extended RF sensitivity, the Telit GE863-QUAD is the perfect platform for all compact, medium- and high-volume m2m applications. The GE863-PY, also A-Tick certified, is a variant of GE863-QUAD with built-in Python script interpreter. The GE863-PY offers the flexibility of developing customer programs inside the module, similar to GM862-QUAD-PY.

GPS option is also available for both GM862 and GE863 modules, incorporating the high performance [SiRFstarIII GPS Receiver](#) developed by SiRF Technology, the leading supplier of GPS semiconductor and software platforms for location technology. With the integrated SiRFstarIII, Telit modules are equipped with the latest GPS receiver technology. The SiRFstarIII 20-channel single chip GPS receiver packs a performance punch, achieving time-to-first-fix of one second for aided starts in outdoor GSM environments and acquiring signals down to -159 dBm. This makes real-time navigation practical, including in many indoor environments, through urban canyons, and under dense foliage. Unlike the lengthy sequential search process of traditional GPS architectures, the SiRFstarIII architecture, with the equivalent of more than 200,000 correlators, enables fast and deep GPS signal search capabilities, resulting in significant improvement over today's architectures that contain a few hundred to a few thousand correlators.

"The SiRF technology is the most innovative and powerful solution available at the market. Moreover it is very compatible with the GSM/GPRS chipsets contained in the Telit modules", comments Dominikus Hierl, Managing Director of the Telit Wireless Solutions Business Unit. "The cooperation with Telit developers was very productive. SiRF and Telit pursue the same objectives. We intend to provide exceptional sensitivity GPS signal detection while ensuring reliability even under challenging conditions", explains Kanwar Chadha, founder and vice president of marketing for SiRF.

- ▣ More information about [TELIT GSM/GPRS/GPS modules](#)



UNIVISION Releases New 1.5" Colour OLED (Organic Light Emitting Diode) Display Module



This new OLED module product release from [Univision](#) (distributor: [GLYN](#)) complements the earlier 0.95" model released earlier this year.

In a 128mm x 128mm configuration with a pixel size of only 0.055mm x 0.19mm, the optical clarity is excellent.

With 262K colours, an NTSC ratio of 85% and frame rate of 100 frame/second, it means full motion video can be played, adding a unique selling point to your products.

The display has a viewing angle close to 180° and a minimum brightness of 80cd/m² with a contrast ratio of 1000:1.

Ready-to-use evaluation boards are available to assist in early development and trial.

- ▣ More information about [UNIVISION OLED Displays](#)



EDT Launches New RoHS-compliant 3.5" QVGA Colour TFT LCD



[EDT](#) (Emerging Display Technologies) has released its new 3.5" QVGA (320W (RGB) x 240H dots) to further expand its TFT LCD product range. The new 3.5" TFT transmissive LCD has a module size of 76.8W x 63.8H x 3.3D mm and an active area of 70.08W x 52.56H mm. With its small form factor, 16.7 million colours (24-bit), contrast ratio of 300 (typ), and brightness of 250 cd/m² (typ) using white LED backlighting, it is ideal for various applications such as gaming console, handheld instrumentation,

point-of-sale equipment, in-car navigation equipment, portable video players, and consumer electronics.

- ▣ [Datasheet](#)
- ▣ More information about [EDT Character and Colour Graphics LCD Displays](#)



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