



## **GSM Socket Module with Integrated SuperCapacitor**

09-March-2010 – eDevice

### **Presentation**

The eDmod300S is a complete, ready-to-integrate and easy-to-use GSM Module. Its compact design makes it suitable for inclusion in a large range of appliances. It is especially designed for products with strong power constraints, such as battery powered devices, that are unable to cope with the power peaks required during the data transfer.

This socket module is optimized to provide a reliable and price competitive solution for every wireless connection projects requiring an easy transfer of information through the cellular network. The integration process does not require a heavy investment and offers a short time-to-market option for connecting devices wirelessly.

### **Power Averaging**

The integrated SuperCapacitor is designed to eliminate peaks of power consumption during the GSM emission, required for an optimal data transfer, eliminating power design considerations for OEM.

### **Universal Format**

The eDmod300S connectivity is fully compatible with others eDevice's modules, allowing an electronic device to support alternatively LAN, PSTN or GSM connections. The integrated SIM socket allows the insertion of any SIM cards, including those provided by eDevice and the quad-band cellular module enables international roll-out and is a perfect fit with eDevice's worldwide GSM / GPRS coverage.

The eDmod300S, by maintaining a low-cost achieved through hardware and software optimization, is used to enable any type of electronic equipment to communicate and provides designers rapid development solutions for building new products with Internet or mobile network connectivity.

eDevice's solutions connect equipment to the Internet for remote monitoring, remote control and remote data transfer. eDevice's M2M solutions have proven success in many types of applications including Telemedicine / eHealth, Energy Monitoring / Metering, Industrial Control, Security Systems and Home Automation.