

Compact communication platform for OEM designs: INSYS presents Ethernet and GPRS socket modules

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Regensburg – INSYS MICROELECTRONICS GmbH has extended its range of socket modules by two new units which will be available and supported in the long term. Socket is a form factor for embedded modules which enable communication in OEM devices, thereby facilitating and accelerating the engineering and integration of communication functions in existing or planned products. *Socket Ethernet* serves to integrate serial applications into Ethernet environments and supports TCP and UDP connections as well as DHCP and DNS. *Socket GPRS* enables wireless communication via GSM/CSO, SMS and GPRS, supporting an 85 kbps transfer rate (upload and download). Available since the first quarter of 2007, these new models supplement the proven modules for analog and ISDN networks. Since all socket modules are mechanically compatible, systems can be designed irrespective of the connection type. Socket modules can be employed in remote maintenance, monitoring and configuration as well as Point of Sale and MDE applications (mobile data entry). Another new development is a revised version of the INSYS development board. The new board houses the 56 x 56 mm *i-module* boards as well as the socket modules and thereby allows for OEM application development on a single platform.



Figure: *Socket Ethernet* module