

Inside Great Wireless Systems There Are...



... Great Systems-on-Silicon.

■ WIRELESS COMMUNICATIONS

ST is working on devices to meet the GSM/GPRS/EDGE and UMTS standard as well as developing devices for Bluetooth, CDMA technology and integrated Baseband chips for third generation 3G cellular phones. In addition, advanced features such as: digital camera functionality via our CMOS Image Sensors, MP3 playback via our MP3 decoder family and GPS via our complete 2-chip solution are being addressed.

Working in partnership with industry leaders, STMicroelectronics designs and produces some of the world's most advanced telecommunication Systems-on-Silicon.

www.st.com



■ INTERNET CONNECTIVITY

Internet access and other digital services demand much greater bandwidth. ST's systems on silicon are expanding the carrying capacity of copper lines with advanced ADSL chips. Working with some of the industry leaders, the company is also developing new devices for the next generation of VDSL devices which will increase existing copper line capacity by a factor of one hundred.

■ HIGH SPEED DATA TRANSPORT

The requirement for greater bandwidth on public networks is accelerating with current bandwidth requirements measured in Gigabits and future systems in Terabits. ST produces devices compatible with both SDH and SONET technologies and is developing multiple technology high speed systems for the physical layer and interconnect functions as well as chips for cell processing and management control.

THE PEOPLE WHO MAKE
SYSTEMS-ON-SILICON
WORK FOR YOU

