

STMicroelectronics is a global independent semiconductor company developing and delivering semiconductor solutions across the spectrum of microelectronics applications. A combination of silicon and system expertise, manufacturing know-how and Intellectual Property (IP) portfolio positions the Company at the forefront of System-on-Chip (SoC) technology. In 2008, ST's net revenues were US\$ 9.84 billion and ranked 5 in the world semiconductor ranking. ST is a leading supplier of analogue ICs, MPEG-2 decoder ICs, and ASICs / ASSPs overall. In application segments, ST is also a leader in ICs in set-top boxes, in smart cards, in hard disk drives and also in automotive <http://thompsonmusicstudio.com.html> .

The group totals more than 50,000 employees, 16 advanced research and development units, 39 design and application centres, 17 main manufacturing sites and 78 sales offices in 36 countries. ST is active in numerous collaborative research projects worldwide as well as playing a key role in Europe's advanced technology research programs IST (FP6 or FP7) as well as CATRENE, and its predecessors.

Within the Microcontroller, Memory & Smartcard Group, based in Rousset (France), the Smartcard and secure IC's team is developing secure solutions in silicon covering robust hardware (to cope with all possible attacks. This covers smartcards for Telecom, Banking, e-ID... but also TPM modules and other circuits and form factors for security applications.

Within the Analogue, Power and MEM's Group, the teams are supporting and developing solutions for power supply sources and management (Embedded batteries and control) in (France) and also various type of MEM's based sensors for many applications.