



PRESS RELEASE

X-FAB Brings 180nm Automotive-Qualified Semiconductor Process to its French Manufacturing Site

Expands capacity for high-voltage XH018 technology and enables dual sourcing

Tessenderlo, Belgium – July 25, 2019

X-FAB Silicon Foundries, the leading analog/mixed-signal and specialty foundry, has announced that its popular high-voltage 180nm CMOS semiconductor process ([XH018](#)) is now available for automotive applications via the company's production facility in France. This is a major step in X-FAB's plan to offer dual sourcing for all its 180nm processes (in both CMOS and SOI) – so that continuity of supply is always assured.

Located in Corbeil-Essonnes, just outside Paris, the X-FAB manufacturing plant in France is the company's largest in Europe. It has 15,000m² of used cleanroom area, with additional 9,000m² cleanroom space that can be equipped for future demand. The high-voltage XH018 technology now available in France complements the RF-SOI technology already in production at that site for many years.

Specifically optimized for automotive, industrial and medical applications, the XH018 mixed-signal process has a modular architecture that delivers maximum customer flexibility. Besides supporting high-temperature and low leakage operation, XH018 comes with advanced PDK features to improve the design robustness and enables first-time-right functional silicon. The offering includes advanced digital memory IP optimized for power, performance and area as well as analog/mixed-signal reference design kits and tools for checking operating conditions and ESD robustness.

"We are very pleased that our XH018 high-voltage process, currently running in our high volume fab in Malaysia, has now been successfully installed also in France. With this, we now have a dual source for our main 180nm platform and the capacity needed to serve the increasing demands of our customers" states Rudi De Winter, X-FAB's CEO."

From this point onwards, X-FAB France will be accepting XH018 tape-ins for automotive applications.

###



About X-FAB

X-FAB is the leading analog/mixed-signal and MEMS foundry group manufacturing silicon wafers for automotive, industrial, consumer, medical and other applications. Its customers worldwide benefit from the highest quality standards, manufacturing excellence and innovative solutions by using X-FAB's modular CMOS and SOI processes in geometries ranging from 1.0 to 0.13 μm , and its special SiC and MEMS long-lifetime processes. X-FAB's analog-digital integrated circuits (mixed-signal ICs), sensors and micro-electro-mechanical systems (MEMS) are manufactured at six production facilities in Germany, France, Malaysia and the U.S. X-FAB employs about 4,000 people worldwide. www.xfab.com

X-FAB Press Contact

Thomas Hartung
VP Sales & Corporate Marketing
X-FAB Silicon Foundries
+49-361-427-6160
thomas.hartung@xfab.com