



Never stop thinking

XC800 USCALE start kit

The **XC800 USCALE** kit is a low cost USB stick providing full evaluation capability for the **XC866**, **XC886** and **XC888** 8bit Family of microcontrollers, all on a single platform. The kit includes development toolchains, demos and tutorials for quick installation and ease of use as well as access to the key features and hardware signals of each of the three microcontrollers for more extensive benchmarking and evaluation.

XC800 USCALE Kit Features:

- Low cost USB stick format provides a single evaluation platform for the XC866, XC886 and XC888 8bit microcontrollers.
- Complete toolchain support for the XC800, high performance 8051 family of products.
- Access to hardware signals through a 16 pin connector for evaluating the key features of each 8bit XC800 8051 microcontroller: CAN, ADC, CAPCOM6E, Timers and Vector Computer (for FOC motor control).
- Easy installation with demos and tutorials for ease of use and quick evaluation of key features.



XC800 Family of products

- High performance 8bit 8051
- Embedded Flash
- Powerful peripheral set
- On-chip OSC and EVR
- Full toolchain support
- Industrial and Automotive qual

The **XC800 USCALE** kit supports the following three 8bit microcontrollers:

XC866 Family

- 32KBytes Flash
- Fast 10bit ADC
- Vector Computer for FOC motor control
- High performance CAPCOM
- MultiCAN
- 34 GPIO

XC888 Family

- 32KBytes Flash
- fast 10bit ADC
- Vector Computer for FOC motor control
- High performance CAPCOM
- MultiCAN
- 48 GPIO
- CORDIC
- Power saving modes

Applications:

- Motor control
- Automotive body
- White goods
- Transportation
- Building automation
- Industrial automation