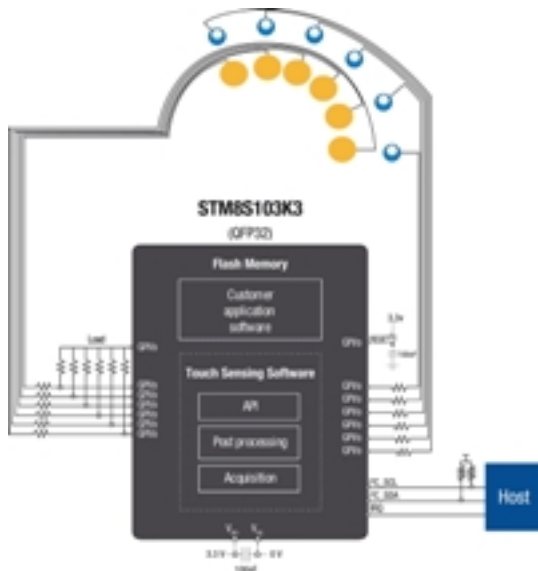


Software Combines 8-bit MCU and Capacitive Touch Capabilities



Targeting 8-bit STM8 MCUs, STMicroelectronics' new open-source capacitive touch sensing software library integrates touch sensing functions through multiple configurations while preserving the traditional MCU features for the application firmware, including communication, LED control, beeper, and LCD control. The software is provided as royalty-free C source code, and as many as 24 individual touch pads can be supported. The library includes tools that help define keys, slider controls, or rotary sensors, and optimize touch sensitivity by adjusting parameters, such as the touch-detection threshold and the resolution of sliders or rotary controls.

STMicroelectronics

781-861-2650, www.st.com [1]

Source URL (retrieved on 01/26/2015 - 10:33pm):

<http://www.ecnmag.com/product-releases/2009/03/software-combines-8-bit-mcu-and-capacitive-touch-capabilities>

Links:

[1] <http://www.st.com/>