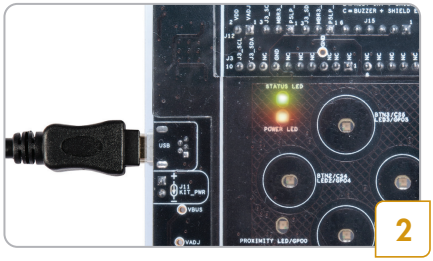
CapSense® MECHANICAL BUTTON REPLACEMENT KIT



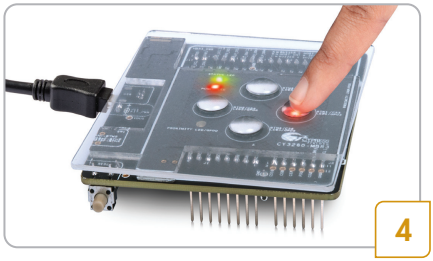
- Download and install the latest kit software and examples from www.cypress.com/go/CY3280-MBR3



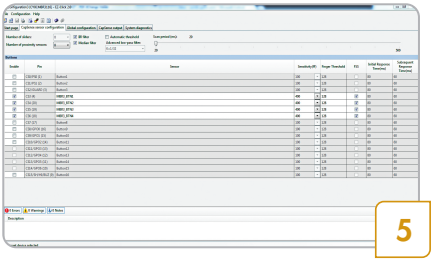
- Place the provided 1mm overlay on top of the kit. Connect the kit to your computer using the provided USB cable



- Place water droplets onto CapSense® buttons using the dropper provided

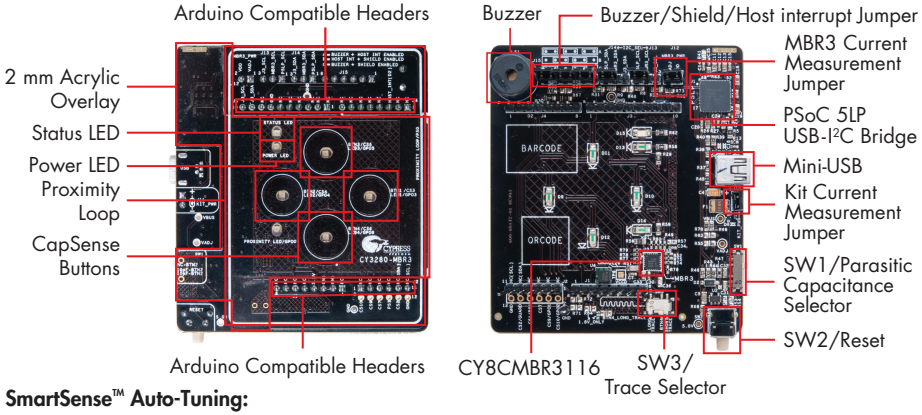


- Press BTN1 with the water on the overlay to evaluate CapSense water tolerance



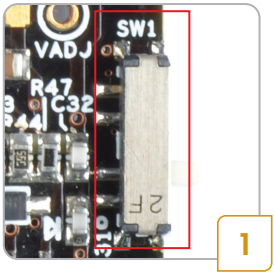
- Configure different features with the EZ-Click™ Software Tool

CapSense® MECHANICAL BUTTON REPLACEMENT KIT

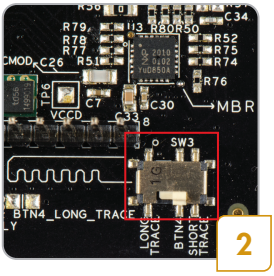


SmartSense™ Auto-Tuning:

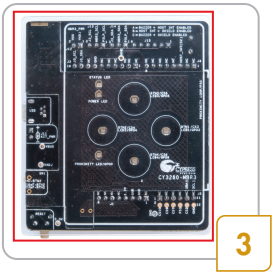
Easily evaluate the SmartSense™ Auto-Tuning algorithm, which continuously compensates for system, manufacturing, and environmental changes. Easily evaluate the SmartSense algorithm by varying the parasitic capacitance in one of three ways:



- Use SW1 to vary an external capacitor in parallel with the trace to BTN2



- Use SW3 to vary the trace length to BTN4



- Place the provided 1 mm overlay over the kit

Note: Reset the kit using SW2 switch after changing any parasitic capacitance values. The button performance remains the same due to SmartSense Auto-tuning

For the latest information about this kit and to download kit software and hardware files, visit http://www.cypress.com/go/CY3280-MBR3

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