



## Human Machine Interface



The Human Machine Interface (HMI) includes the electronics required to signal and control the state of industrial automation equipment. These interface products can range from a basic LED status indicator to a 20-inch TFT panel with touchscreen interface. HMI applications require mechanical robustness and resistance to water, dust, moisture, a wide range of temperatures, and, in some environments, secure communication. They should provide Ingress Protection (IP) ratings up to IP65, IP67, and IP68. The unique capacitive Touch technology, SAM9 microprocessors, and 1 CryptoAuthentication™ devices enable designers to meet these requirements and more, with an optimized BOM.