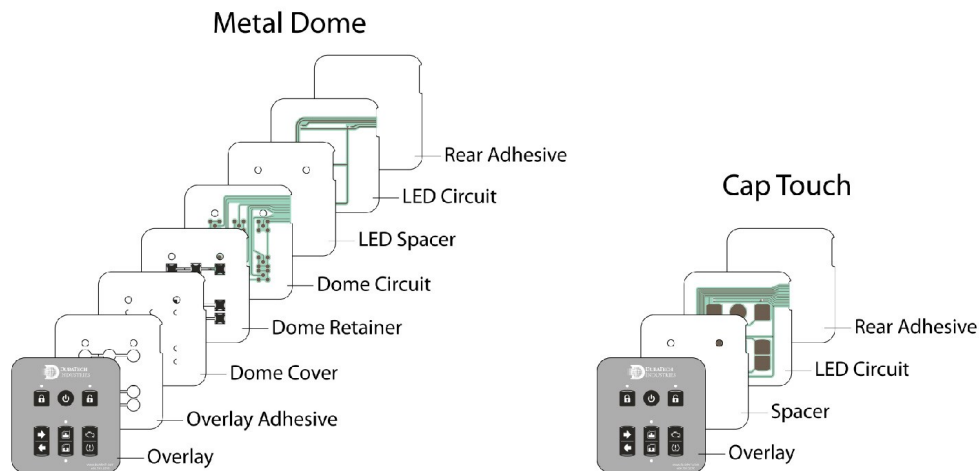


# Metal Dome Circuit vs. Cap Touch Circuit

Membrane and capacitive switch technologies each offer unique design and manufacturing advantages. Therefore, it is important to closely compare and understand the respective technologies behind user interface and switch options.

## Metal Dome Circuit vs. Cap Touch Circuit



### Metal Dome

### Cap Touch

	Metal Dome	Cap Touch
<b>Environmental Considerations</b>	Good for harsh environments	Good for harsh environments
<b>Space / Real Estate</b>	Typical construction is 8 layers	Typical construction is 4 layers
<b>Performance / Functionality</b>	Can use in moist environments. Can use gloves. No false triggers	No mechanical components to fail. Can use in moist environments. Can use gloves. No false triggers
<b>Interface Options</b>	Buttons	Buttons, sliders, touch-pads, touch screens, proximity sensing
<b>Feedback</b>	Tactile or audio feedback	Visual or audible feedback
<b>Price</b>	Normally higher cost due to more layers	Normally lower cost due to fewer layers