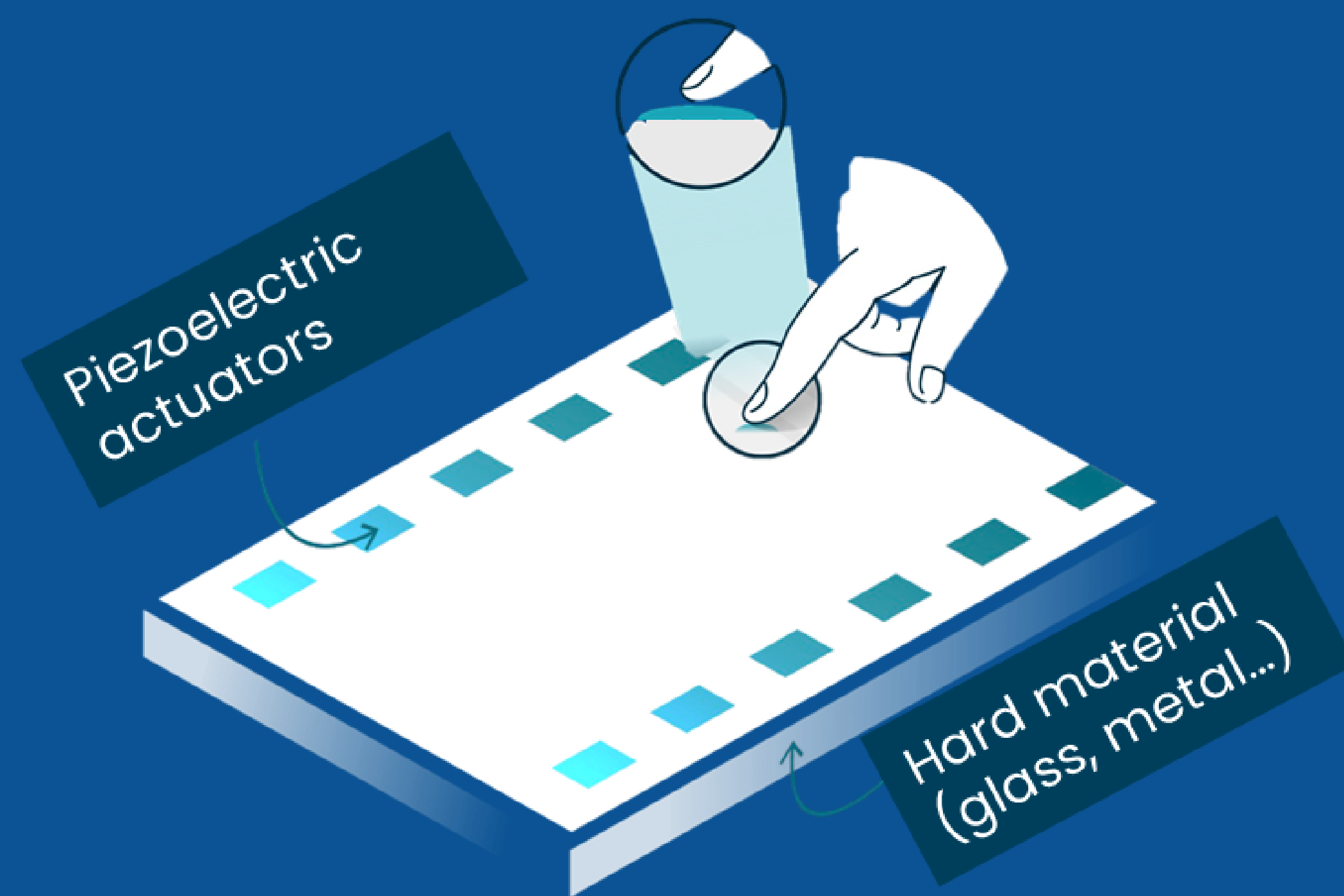


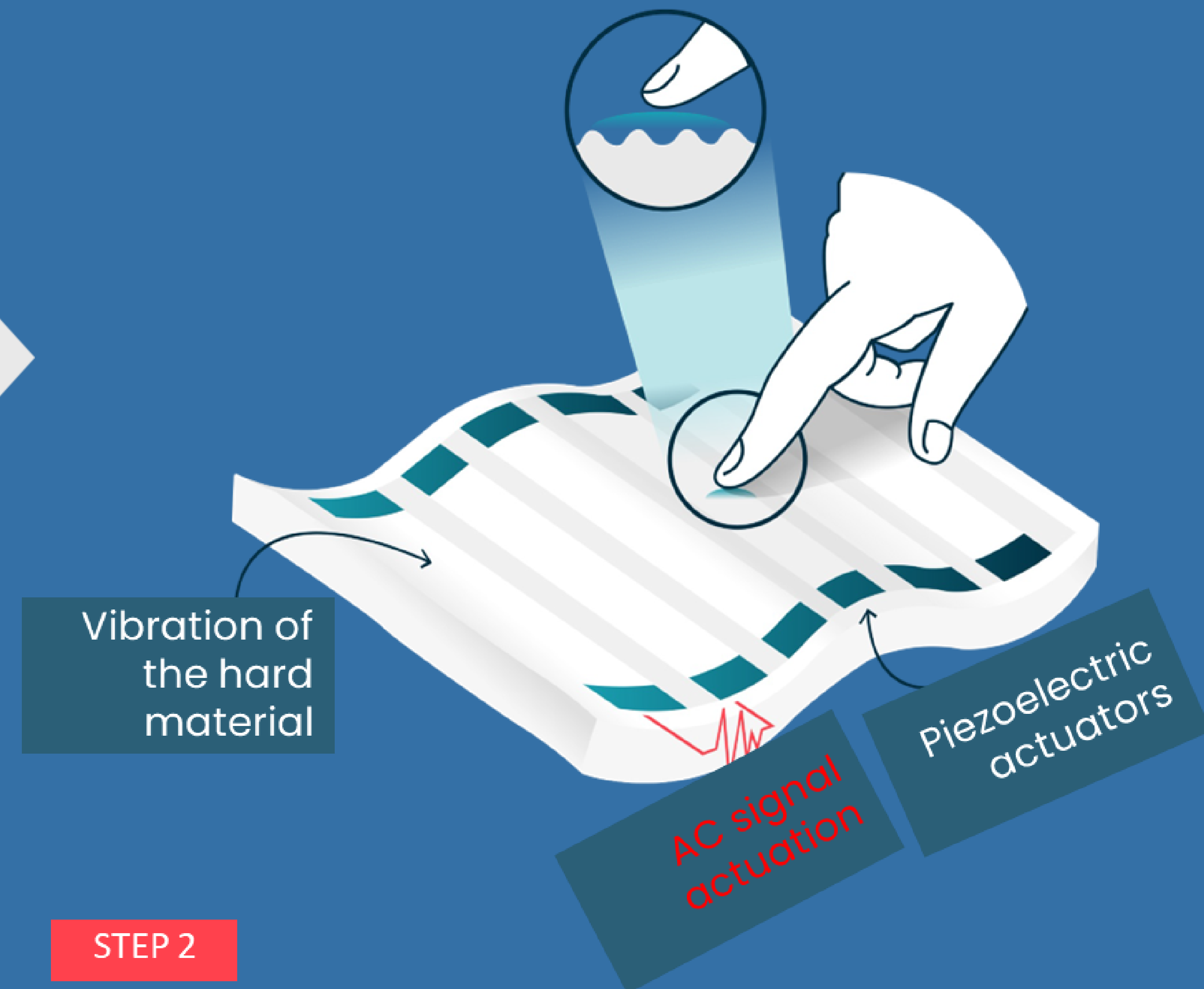
# Bringing digital surface to life



## STEP 1

hap2U piezoelectric actuators are integrated on the back of the touch surface

(For example for a display: the cover lens)



## STEP 2

These actuators are driven (AC signal actuation) to achieve ultrasonic standing wave in the material

Taica's soft silicone OCA is qualified as one of the best material for Hap2U technology.  
It's capable of transmitting vibration from the actuator efficiently.

# Unlocking the full potential of haptics !



×



## Unique viscoelasticity of Taica's silicone OCA

Taica's silicone OCA fills air gaps between components in displays, improving brightness and contrast. Not only that, Its special viscoelastic properties are key to the leading-edge haptic technology.

## Wow-effect haptic feedback technology by Hap2U

Hap2U is an innovation company, using surface haptics to provide unparalleled touch screens user experiences. The team is with significant haptics expertise and strong interactions with some of the top tier-1/OEM in automotive industry.

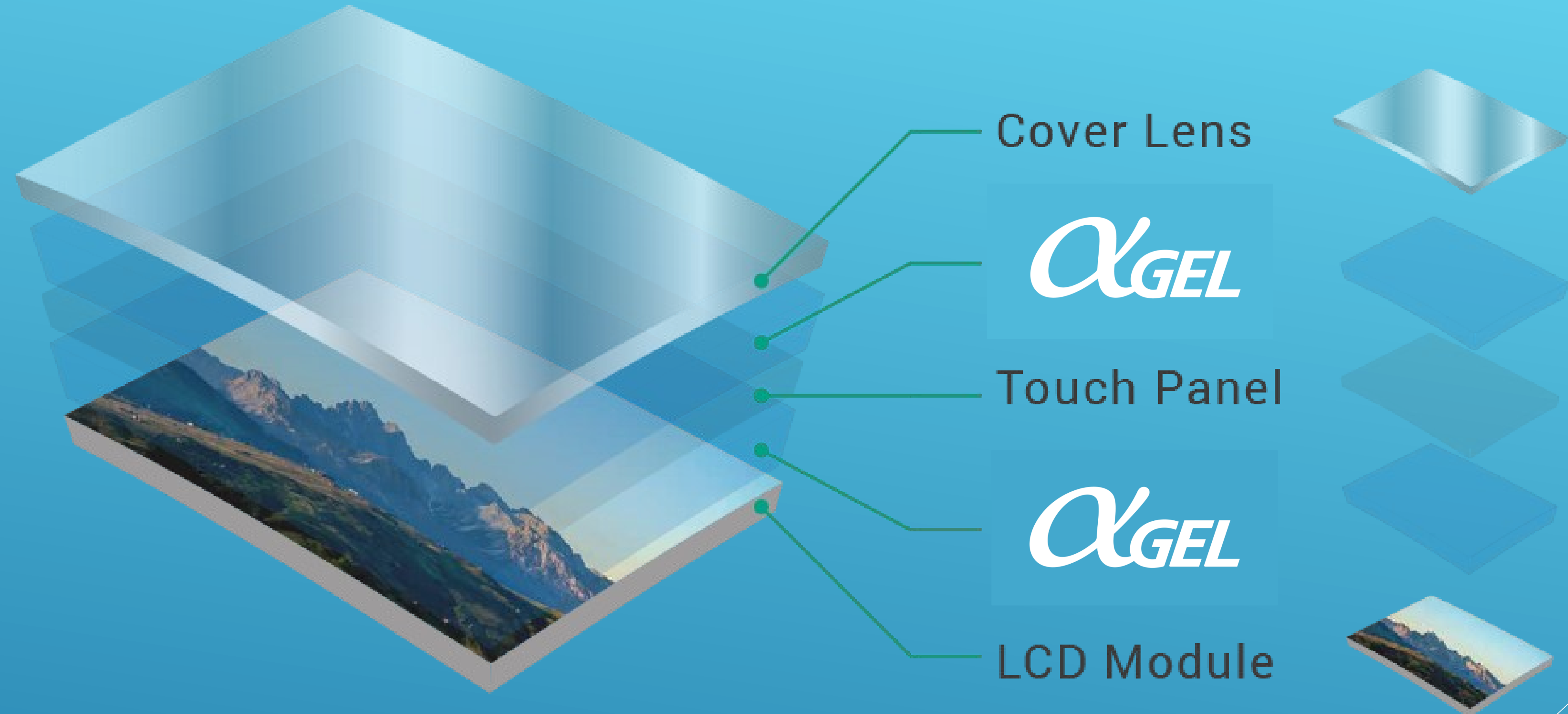






# Silicone OCA(Optical Clear Adhesive) for Optical Bonding

- ① NOT Acrylic  
NOT Liquid
- ② NO Yellowing  
Automotive Grade
- ③ Good Viscoelasticity  
Super Flexible



Haptics Display



Center Console  
(Gear/Button)



HUD  
(Head Up Display)

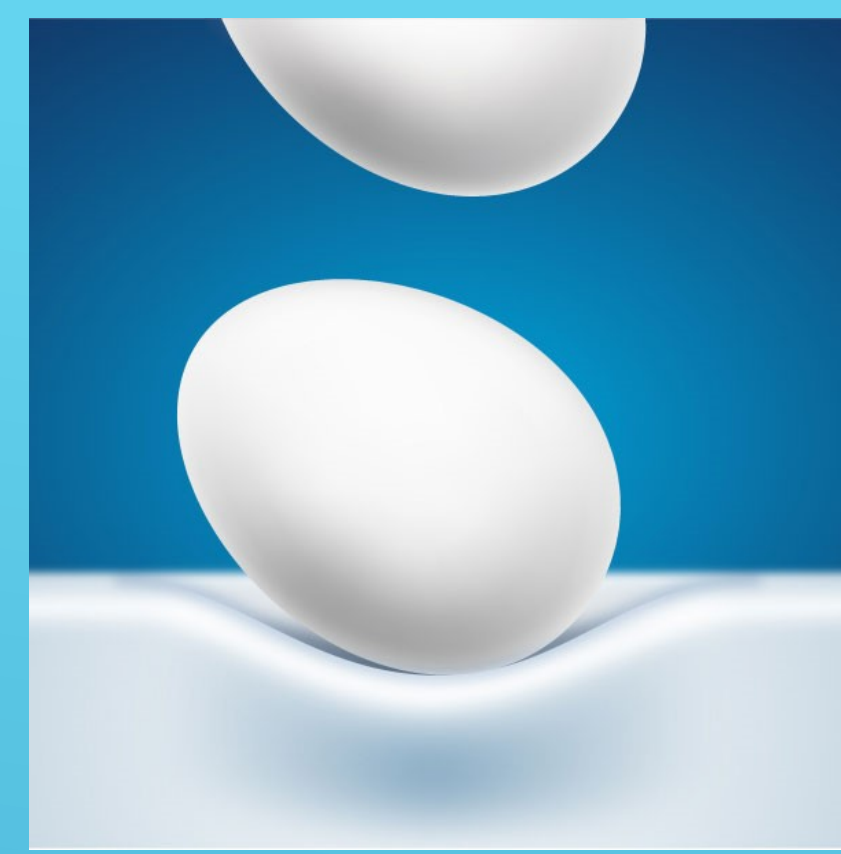


Sunroof  
(Dimmer Film)

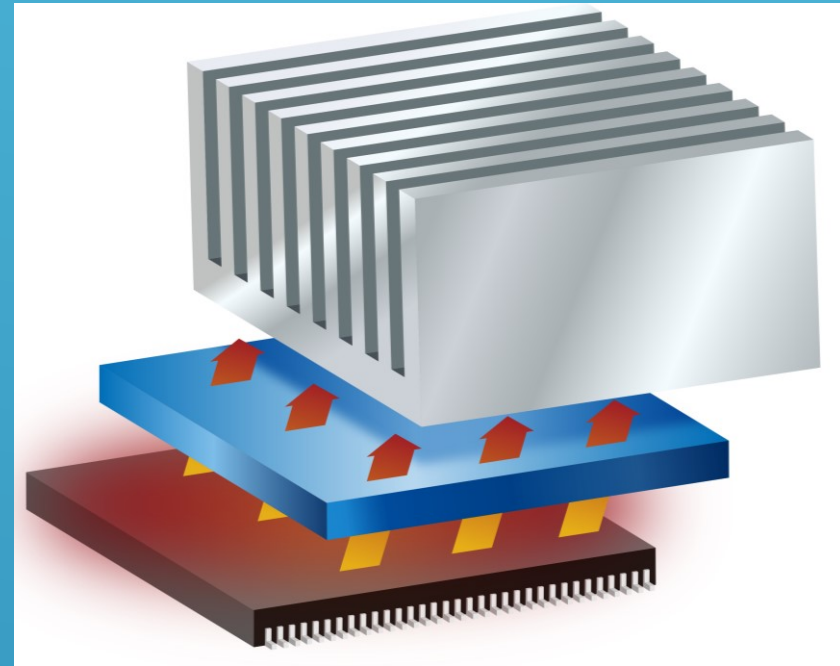


# α GEL Solutions

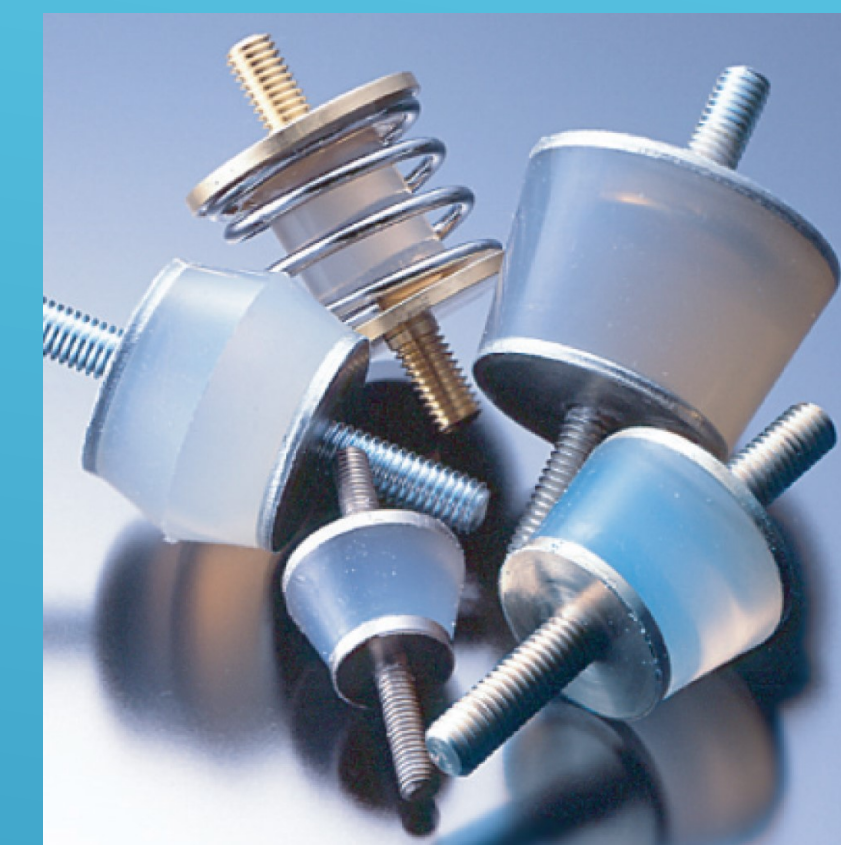
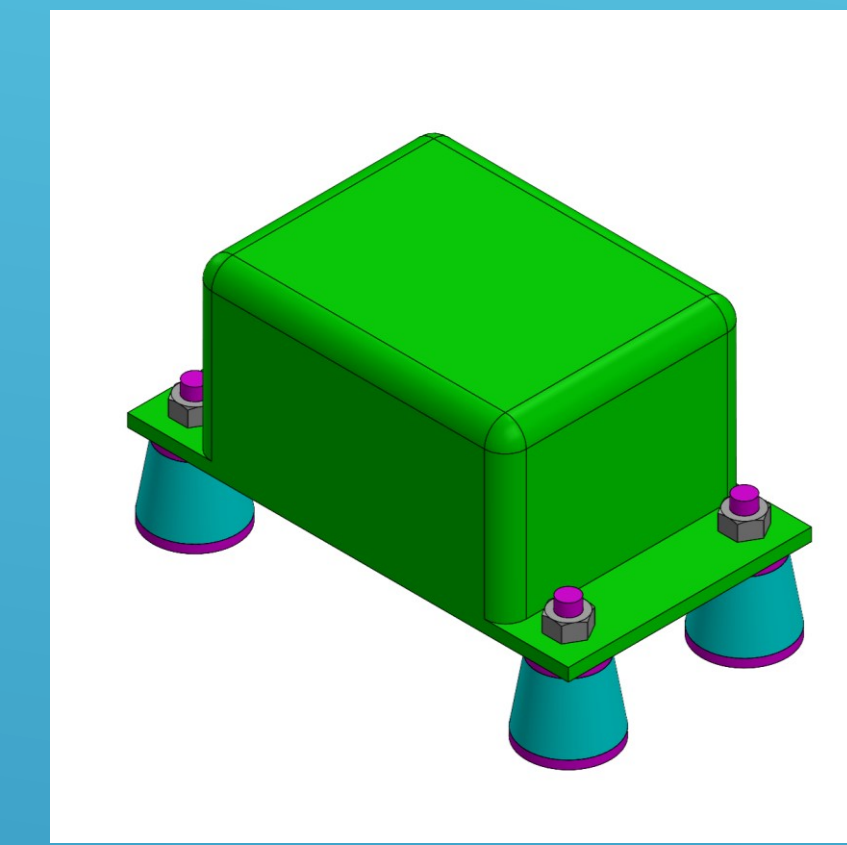
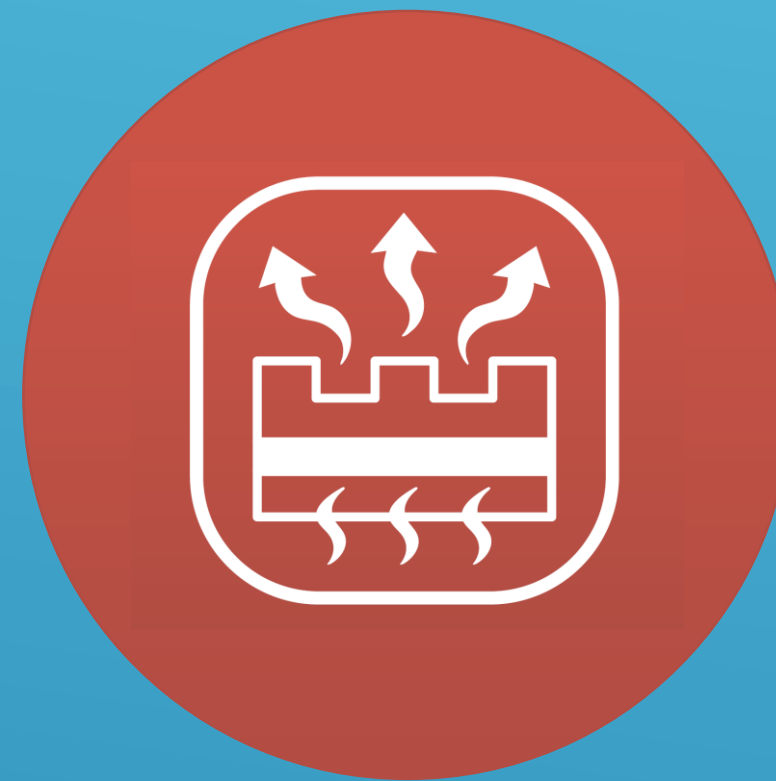
Shock  
Protection



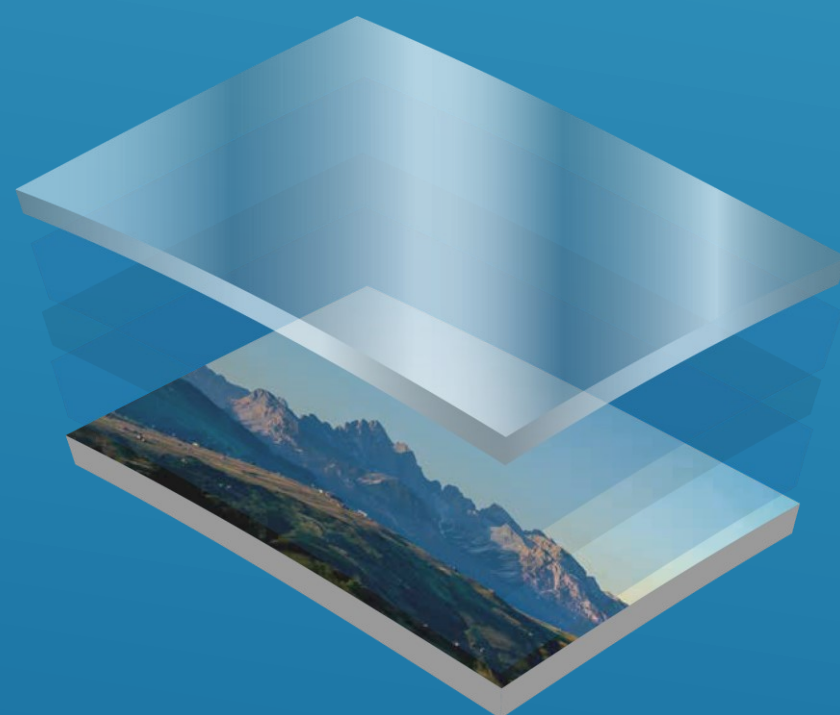
Thermal  
Control



Vibration  
Control



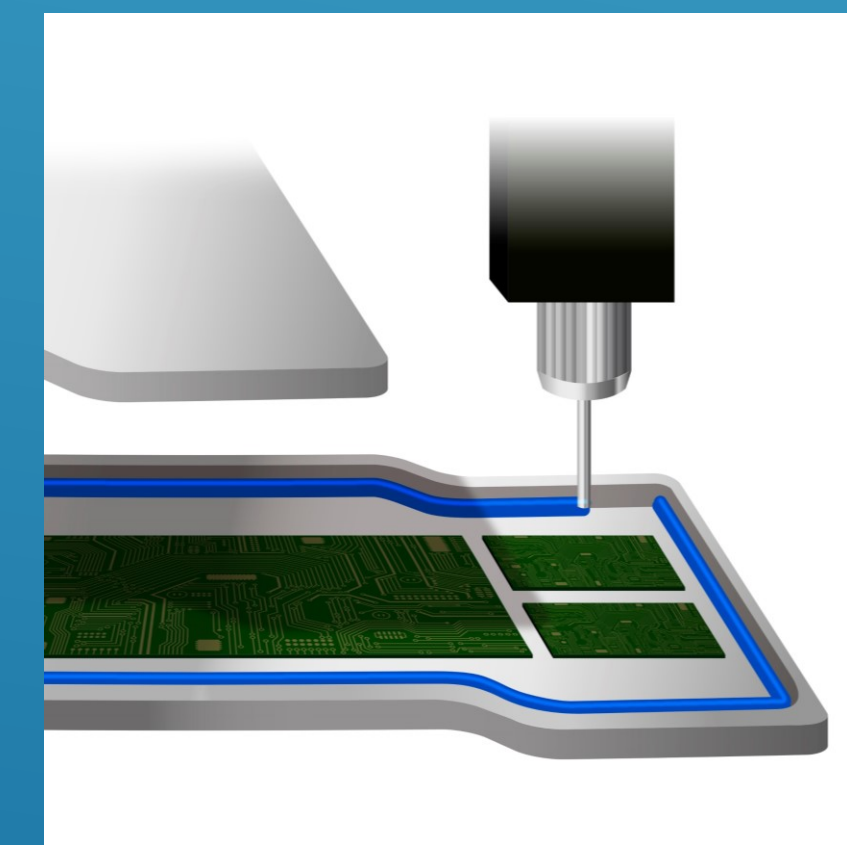
Optical  
Bonding



# α GEL



Water & Dust  
Proof



Haptics  
Management