



High Performance Armrest

 SUMITOMO RIKO

Abstract

The future of cabin by development of autonomous driving



<https://insideevs.com/volkswagen-id-buzz-concept-likely-production-bound/>

Improve the functionality of Armrest always beside the occupants

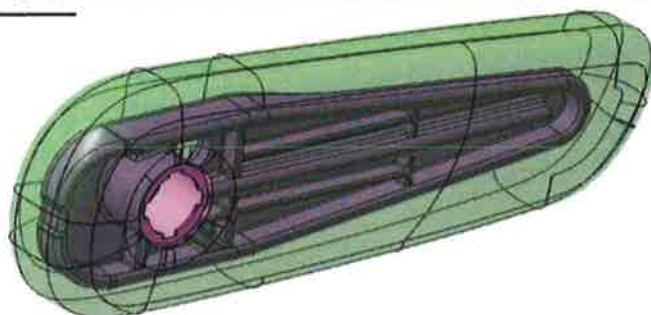
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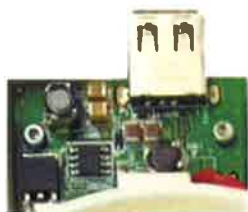
Functional Armrest

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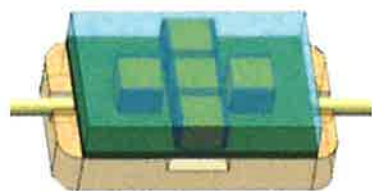
Armrest



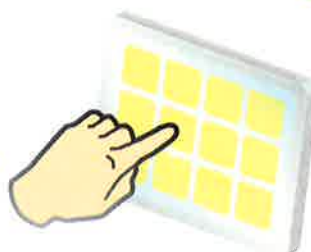
Electronic devices



USB



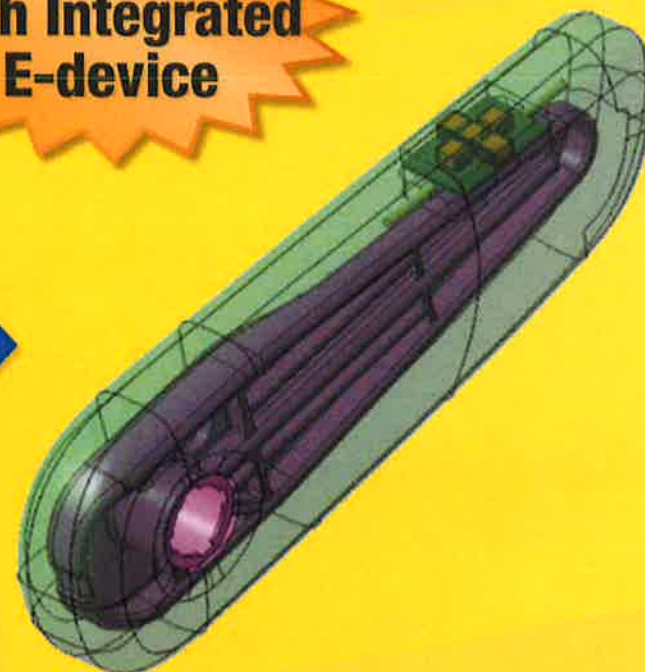
Switch



Touch display
etc.

+

**Armrest
with Integrated
E-device**



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Armrest built-in USB

Built-in the USB port into Armrest

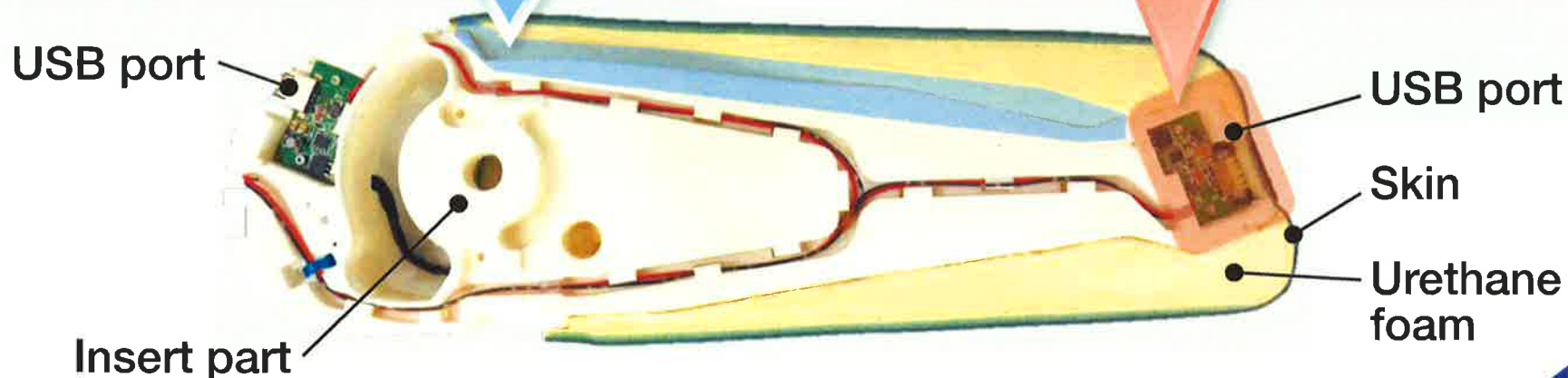
- Use for charge the smartphone at hand
- Available as an signal communication interface

No gap by integral molding

- Securing of adhesion
- Securing of design

No need for post-assembly

- Reduction of process
- Easier parts mounting





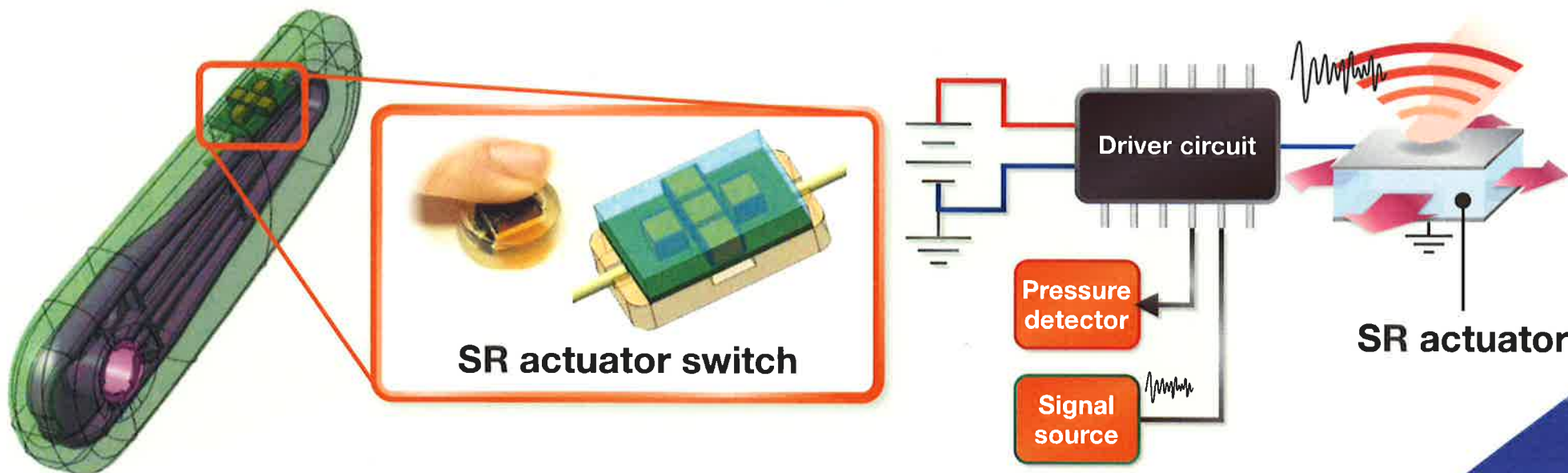
Armrest built-in Switch

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Built-in the SR (Smart Rubber) actuator switch into Armrest

- Available for multimedia operation at hand
- Seamless design realized by pressure-sensor
- Various operability improved by haptic feedback

- What is SR actuator . . .
The rubber actuator that can **detect the pressure** and can **generate haptic feedback**



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