

**SMK Develops OGS Capacitive Touch Panel with  
Vibration Feedback Function “CapBeat Touch OGS”.  
Thinner and Lighter Design Improves Operation Feeling.**



SMK Corporation has developed One Glass Solution (OGS) capacitive touch panel with Force Feedback (FFB) “CapBeat Touch OGS”. The FFB touch panel uses SMK’s unique technology to make touch panel vibrate by piezoelectric elements.

As capacitive touch panels do not require input force, the users cannot obtain tactile sensation when operating. Therefore, in applications such as automotive application where sure input operation is essential, the demands for FFB function are expanding, which increases operation feeling by providing vibration when inputting on a touch panel.

SMK has already been producing double glazed (a cover panel and a glass sensor) capacitive touch panel with FFB “CapBeat Touch”. The newly developed product was upgraded with a thinner and lighter design by using OGS touch panel consisting of a single glass, resulting in clearer vibration and improved operation feeling.

Functional films such as anti-glare/reflection/fouling films can be pasted on the touch panel surface.

Available printing colors are: Black for frame. White, smoke gray, etc. for icons on the frame.

Shapes are customizable upon customer request.



## **【Applications】**

Car navigation equipment, automotive center consoles, control panels for factory automation equipment, etc.

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Product Name	OGS Capacitive Touch Panel with Force Feedback "CapBeat Touch OGS"	
Major Specifications	Sensing System	Capacitive (Mutual-capacitive)
	Input Method	Finger
	Input Force	0 N
	Operating Temperature Range	-30°C to +85°C
	Storage Temperature Range	-40°C to +95°C
	Typical Transparency	90% minimum (When bonding optical film)
	Reflectance	10% maximum (When bonding optical film)
	Start Taking Orders from	December, 2017
Production Capacity	100,000 units per month	
Sample Price	Price dependent on customization required.	
Inquiry	<a href="#">For more information, please contact the TP Division</a>	