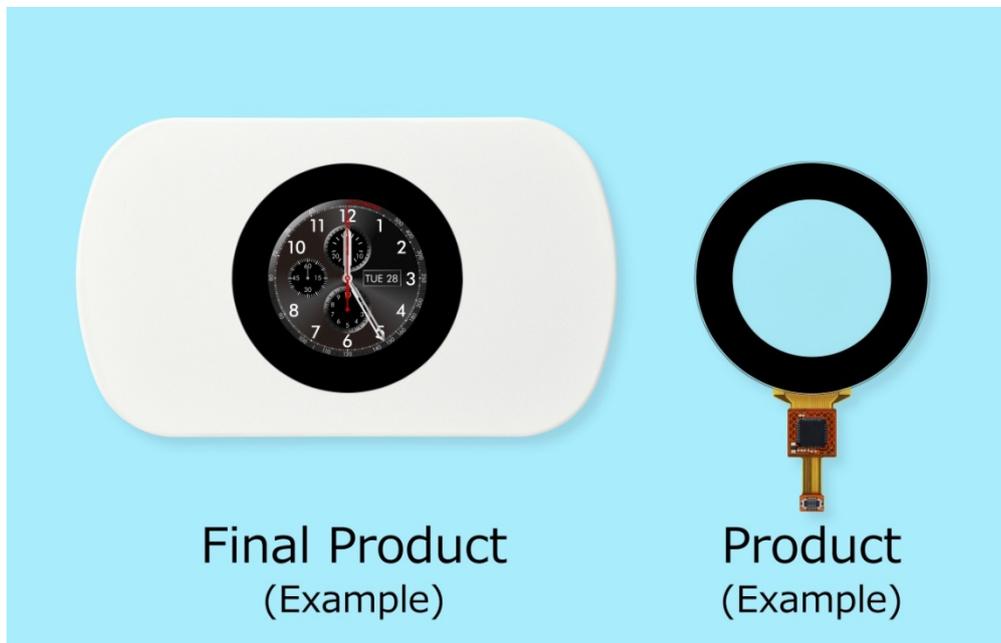


SMK Develops Controller for Small Capacitive Touch Panel



SMK has developed a touch controller for small capacitive touch panels. Targeting wearable devices such as smartwatches, it narrowed down its functions to that required for operation of small touch panels (up to two inches).

Even though the sensor consists of a single film, it enables smartphone-like touch operations such as flick and pinch by designing to minimize the wiring with the sensor electrode. The sensor is available up to two inches and can be customized into round shape as well as rectangle. This product will be provided in a set of a sensor and a controller.

In addition to reducing material costs by using single-layer sensor film, this product succeeds in reducing manufacturing costs due to the SMK's unique sensor pattern design which eliminates the need for narrow-pitch wiring.

As the firmware for the controller is developed in-house by using a general purpose integrated circuit, SMK will accept the customization request of touch specification and small-lot orders with ease.



【Applications】

Wearable devices such as smartwatches, etc.

Published Date	March 22nd, 2018	
Press Release Number	1099TP	
Product Name	Controller for small capacitive touch panel	
Major Specifications	Sensing System	Capacitive
	Input Method	Finger (up to 2 points)
	Interface	I ² C / UART
	Supply Voltage	1.8 to 5.5V
	Operating Temperature Range	-15°C to +60°C
	Storage Temperature Range	-25°C to +70°C
Start Taking Orders From	May 2018	
Production Capacity	100,000 units per month	
Sample Price	Price depends on customization required.	
Inquiry	For more information, please contact the TP Division	