SMK Develops Voice Remote Control Unit with 2.24 Times Longer Battery Life For Control of Home Appliances with Android™

For reference only

SMK Corporation developed Bluetooth® low energy remote control unit with voice transmission for TVs and set-top boxes with Android™.

In the home appliances market, a demand for radio frequency (RF) remote control units with voice search function has been increased in recent years. The newly developed product is corresponded with Android™ Bluetooth® low energy, and controls home appliances with Android™, which are expected to become popular in the future.

In general, remote controls with voice search function consume battery too quick to use up. However, the new SMK product reduced power consumption by 70% during voice control with a low-power consumption design co-developed with Nordic Semiconductor. The battery life is 2.24 times longer compared with the conventional SMK products.

Voice search function for devices with Android™ 8.0 onwards is available on the Android™ home appliances without additional development.

It is possible to use OPUS codes optionally for better quality of voice transmission.

On request, SMK will provide prototype samples for preproduction testing.

【Applications】

TVs and media streaming devices (ex. set-top box) with Android™

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Published Date	September 19th, 2019	
Press Release Number	1121SCI	
Product Name	Bluetooth$^{®}$ low energy Remote Control Unit (customizable design)	
Features	1) Remote control unit for home appliances with Android™. 2) Quick Reconnection to Bluetooth$^{®}$ low energy communication. 3) Low-power consumption design (Reduced by 70% during voice control, compared with the conventional SMK product).	
Major Specifications	Communication Protocol	Bluetooth$^{®}$ low energy 5.0
	Function	Voice transmission
	Supported OS	Android™
Start Taking Orders From	September 2019	
Inquiry	For more information, please contact SCI Division	