

RA Ecosystem Partner Solution Voice Recognition Solution



Solution Summary

Pachira Voice Recognition solution delivers an offline wake-up command trigger with fast response time and voice playback support. Integrated DSP (Fortemedia) enables beamforming, noise immunity and echo cancelation for the <u>RA MCU</u>-based solution. Learn more at <u>http://www.pachira.cn/index.html</u>

Features/Benefits

- High accuracy voice recognition rate, far-field feature support of up to 5 meters
- Wake-up command based trigger with fast response time
- Beamforming, noise immunity, echo cancellation

- Voice playback support
- Voice recognition w/o Cloud connection, enabling local voice identification



Figure: Pachira Voice Recognition Solution Architecture

Target Markets and Applications

Range Hood / Smart Toilet

• IoT Edge Devices

• Small Home Appliances

Vehicle

Corporate: Pachira Information Technology (Beijing) Co., Ltd. Address: F2,Tower F, NAVINFO Mansion, Fenghao East Road, Haidian District, Beijing <u>http://www.pachira.cn/index.html</u>

2020.07