Project Soli information document

Project Soli is using radar to enable new types of touchless interactions – one where the human hand becomes a natural, intuitive interface for our devices. The Soli sensor can track sub-millimeter motion at high speed and accuracy. It fits onto a chip, can be produced at scale, and can be used across a wide range of mobile, wearable and stationary devices.

To see the technology in action, [click here](#).

Product implementation of this technology has been presented at this year’s Google Developer Conference (Google I/O 2016). Please [click here](#) to watch the Project Soli update.

Please find FAQs below. For more detailed information please contact Suresh Ram, Chris Cameron or Jens Reinstädt.

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www.infineon.com/soli
FAQs

1. When is Soli ready to be shipped (samples and production)?
   › We are targeting end of 2016 for samples and May 2017 for production release of Soli B

2. What’s the price?
   › Pricing depends highly on the complexity of the application and therefore needs to be determined on case by case

3. How support intensive is it?
   › Soli B is highly support intensive. It is possible that specific gesture sets will be developed until May 2017. However, the combination of hardware and gestures needs to be fine-tuned for each application.

4. What kind of support do you provide?
   › Infineon will provide hardware, firmware and application support. Google will provide software documentation and algorithms. We will provide collateral as necessary to support customers.

5. Is there a development kit available?
   › A Google development kit is available. Please sign up at https://www.google.com/atap/project-soli/ for updates

6. Can own gestures be defined?
   › Yes, you can suggest them to Google for SW development

7. Do we have to work with the Google software?
   › Yes, Google and Infineon work together for a bundled solution that is optimized for a specific use case.

8. When do you expect the next generation of Soli?
   › We have a roadmap in place for additional versions of the product

9. How precise is the product?
   › Currently there is no other product on the market with comparable precision and detection range. The use of 60GHz allows for a resolution of 20mm. With additional algorithms, the solution operates with sub-mm resolution.

10. Who to contact?
    › Please contact Chris Cameron, Christopher.Cameron@infineon.com or Suresh Ram, suresh.ram@infineon.com or Jens Reinstädt, jens.reinstaedt@infineon.com for information about design and implementation support