



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 on the next page. For more detailed information please contact soli@infineon.com.



FAQs

1. When is Soli ready to be shipped (samples and production)?

We are targeting end of 2018 for production release. Engineering Samples are available for selected projects only.

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?

The product is highly complex and requires extensive knowledge in radar, signal processing and algorithms.

4. What kind of support do you provide?

Infineon provides detailed documentation with the development kit.

5. Is there a development kit available?

The Google development kit with pre-defined gestures might be launched by Google.

Please visit <https://www.google.com/atap/project-soli/> for more information. Infineon offers development kits that stream the raw radar signal. Those kits require extensive know-how in radar, signal processing and algorithms and are only available for selected projects.

6. When do you expect the next generation of Soli?

We have a roadmap in place for additional versions of the product.

7. How precise is the product?

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

8. Who to contact?

Please contact soli@infineon.com.