Hello, Moshe !

Since inception of the project , our team had a certain understanding of how the mobile phone integrated the points of CP sensor through e-mail exchanges. We are very appreciated for you and your team’s support!

At present, we have found a proper evaluation board (MTK6595 8 core 32-bit ANDROID V4.0) according to your requiremet, and already pepared for integrating on this platform.

But, Some notifaction you should know as follows:

1, Our planning is to promote the phone with spectrum analyzer as our flagship product of CHANGHONG. Sensors we customized to CP under the agreement will be  delivered in September 2016.

In order to guarantee the definition of CHANGHONG flagship phones,  the processor

must be the latest version, however, according to IC manufacturers the latest processors  will be released after February 2016. Therefore, we cannot be absolutely certain  the IC, appearance, and structure design of the products.

2, According to the information we learned from CP release documents. In our opinion, the essence of the CP sensor was a special camera. The integration of such "camera" in the mobile phone(ARM+ANDROID)  need more exploration and innovation.

Some common work based on ARM+ANDROID framework, can be carried out immediately.

In conclusion, we wish to carrty out the integration work immediately. Implementation methods are as follows:

(补图)

Supported by the CP:

1, Transplant of driver and image processing engine;

2, Design and optimization of interface circuit;

3, Connection with CP cloud platforms;

4, Determination of thermal requirements;

We wish your agreement and support!

In addition, the team has some technical issues that need to communicate with you as follows:

1, In the early technical documents, the sensor didn’t integrat temperature sensor. Please make sure that if our mobile phone not need additional temperature sensor.

2, SCIO product design has assistant device (calibration cover, solid particles sample pool .etc.), Please make sure if our sensors not need the similar devices. If we donn’t have such devices, how to calibrate;

3,Please provide us the circuit diagrams of sensor controller and pin order (In phase one, we need 10 samples and won’t  customize FPC and connection);

4, the sensor output 12bit RAW data, mobile processors usually support 8BIT/10BIT camera. Please confirm that CP had experience of dealing with the mismatches.