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| **E-Paper Display Unit Meeting Minutes (Codename: Banana)** |
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| KL  12-4-2015 |

Document history

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| --- | --- | --- | --- |
| **Date** | **Revision** | **By whom** | **Note** |
| 15th December 2015 | A | KL | Creation |
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# Minutes

Main aim is to get support and initiate communications with MPico system

Attendees:

Phuc Le Dinh

Peter Slikkerveer

Brief introduction to the project: brief hardware architecture and ideas of a mobile display

MPico system has done a very similar platform with a Nordic Bluetooth chip, not the SoC that we intend to use. It is a custom job for a customer. The system consists of a Bluetooth chip, and ARM-M0+ MCU, the timing controller (TC) IC, external memory, and CR2032 battery. It can do 5000 updates from a remote mobile device.

They have done these architecture:

* Single chip solution: only the TC IC and proprietary Bluetooth IC. But the source code will not be available.
* Dual chip solution (which we are going for): they supply the TC IC and design files for out project. And we are to write the software to interface with the TC IC (as specified in the TCM2 Developer’s guide).

We can get support if agreeing to the pricing:

Prices for TC+ Panel are

10 pcs - USD 66/set (samples only)

100 pcs - USD 52.40/set

1k pcs - USD 45.75/set

Info about the TCM2 includes: schematic and design files.

# Actions

Agree to the pricing – should be ok for the 20 prototypes.

Get a development plan together.

Get a design requirement and design definition to MPico system (if we decide to hire them for software development).

Revisit hardware architecture (possibly for future expansion).