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# MEGA4 Configuration

It is a derivative product based on the MEGA3 hardware and software.  
It is composed of identical software of MEGA3 and entirely similar hardware of MEGA3.  
It is developed with the intention of approval acquirement by minimal test as an MEGA3 sister model.

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Revisions:

Revision	Date	Changes	Initial

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## 1. Software

; MEGA4 is a GSM/GPRS mobile phone and supports Call related function, Short Message service (SMS), Supplementary service(SS), GPRS and so on.

For the related S/W test items, MEGA3 has previously tested in Media Tek.

MEGA4 contains the same GSM/GPRS protocol stack as MEGA3 and this same protocol stack is also used in the MEGA4.

There are no changes to the core GSM/GPRS functions of the protocol stack.

All of the original software/protocol testing from MEGA3 report can be applied to the MEGA4, and only H/W related testing should be required for MEGA4 FTA.

- 1) Protocol stack : same
- 2) MMI : same

## 2. Hardware

; It is used similar chip sets and components. MEGA4 and MEGA3 use same baseband processor and RF.  
Below are different feature

- 1) Form factor : MEGA3(Slide)&MEGA4(Bar type)
- 2) Nand Flash MCP : same MEGA3&MEGA4
- 3) Audio Part : MEGA4 receiver configuration is almost same.  
But MEGA4 mic configuration is a little different with MEGA3.
- 4) RF Section : same MEGA3&MEGA4
- 5) SIM connector : connector location different.

The schematic diagrams and component location map drawings are as below.

These documents are included to assist Media Tek in reviewing the differences between MEGA3 and MEGA4  
These documents contain highly sensitive data and proprietary.

They are bound under the non-disclosure agreement that has already been signed by Ezze Mobile Tech., Inc and Media Tek.

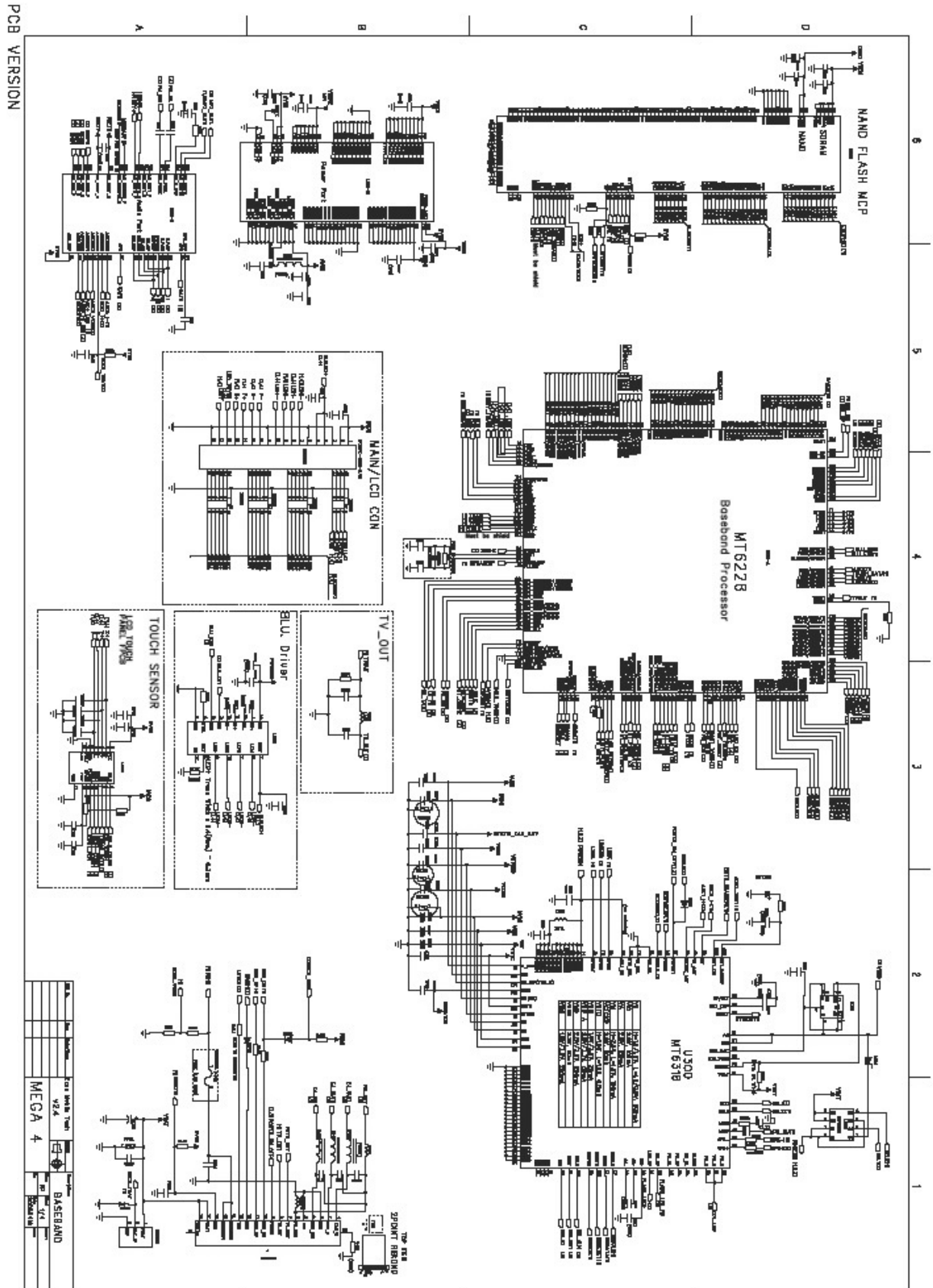
## 3. Mechanical

; It is used some difference Material between MEGA4 and MEGA3  
Different spec. is as below :

- 1) Battery cover : MEGA3[ Aluminum ] & MEGA4[ PC +Decoration(Sus) ]
- 2) Top cover : MEGA3[ PC ] & MEGA4 [PC + Decoration(Sus) ]
- 3) Back cover : MEGA3[ PC + Hinge(Sus) ] & MEGA4[ PC (Without hinge)]

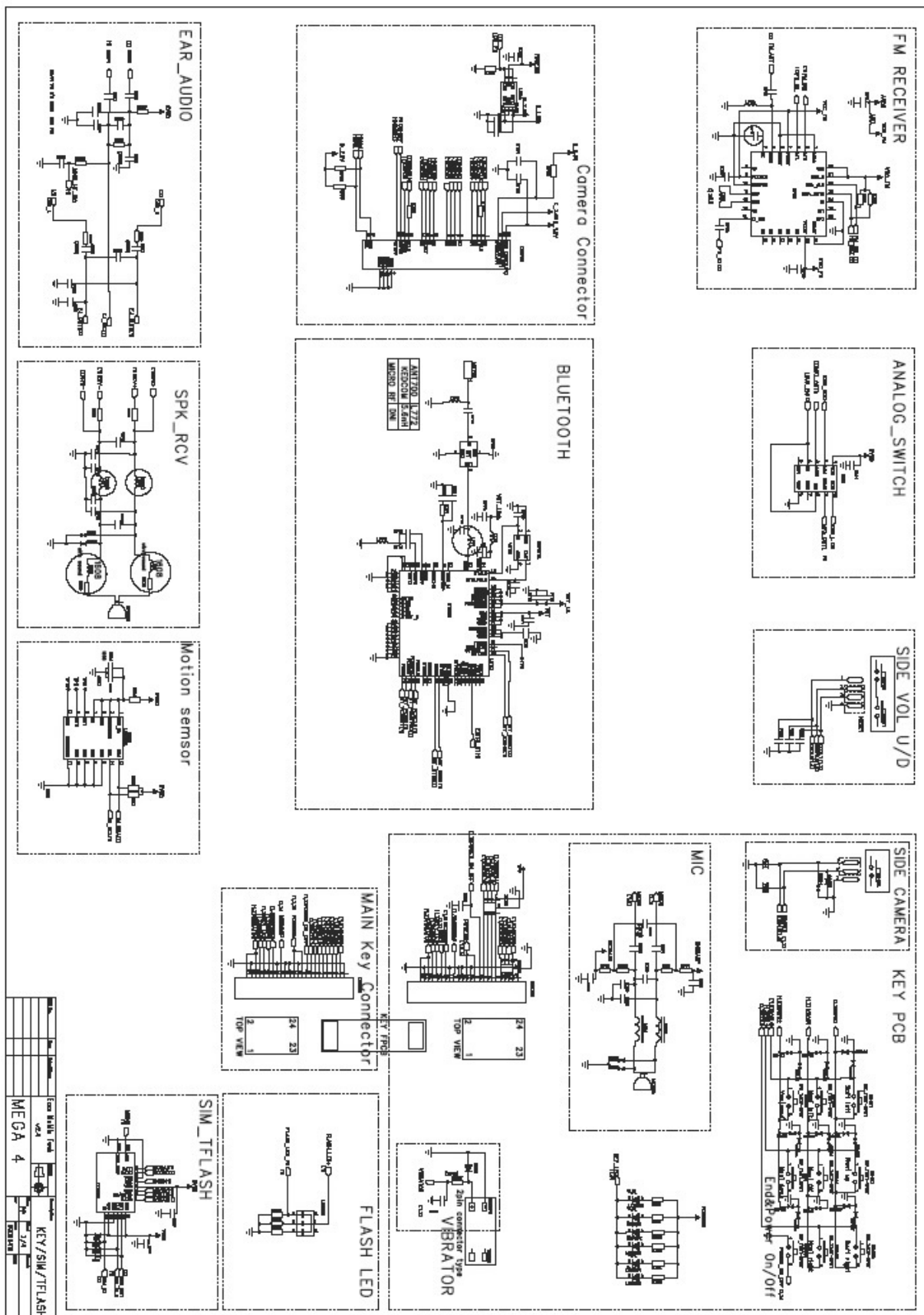
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< **MEGA4 Schematics** >





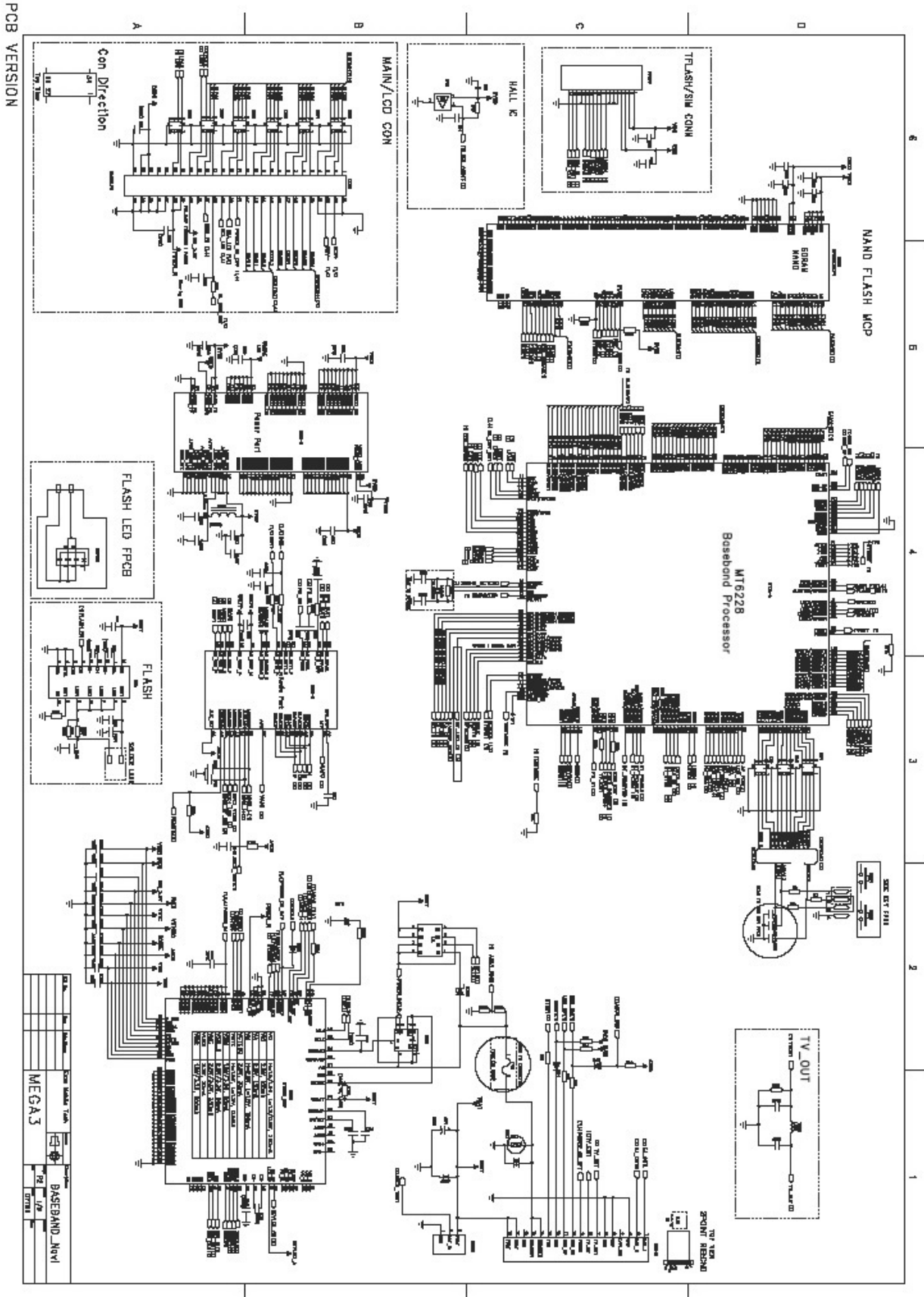
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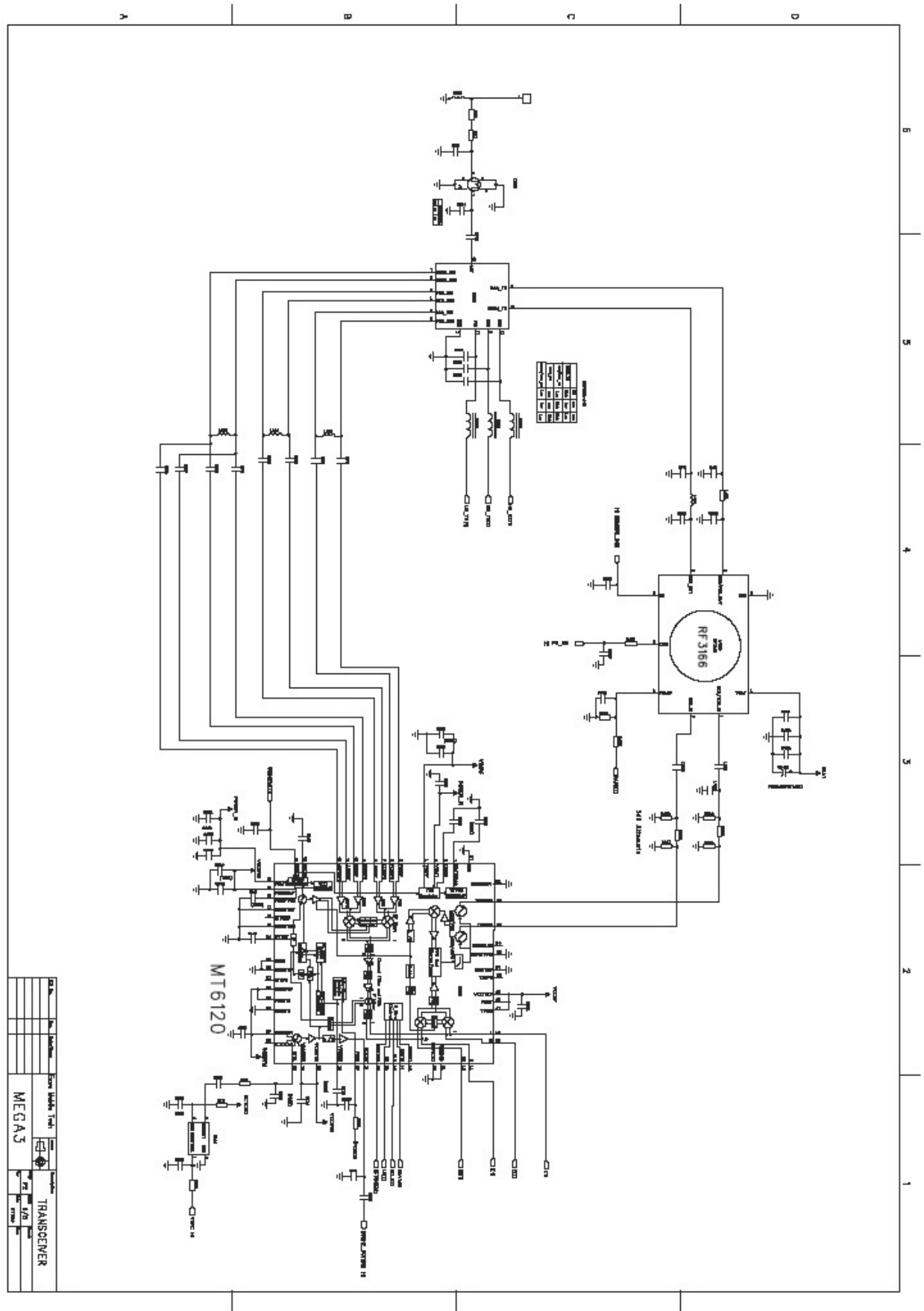
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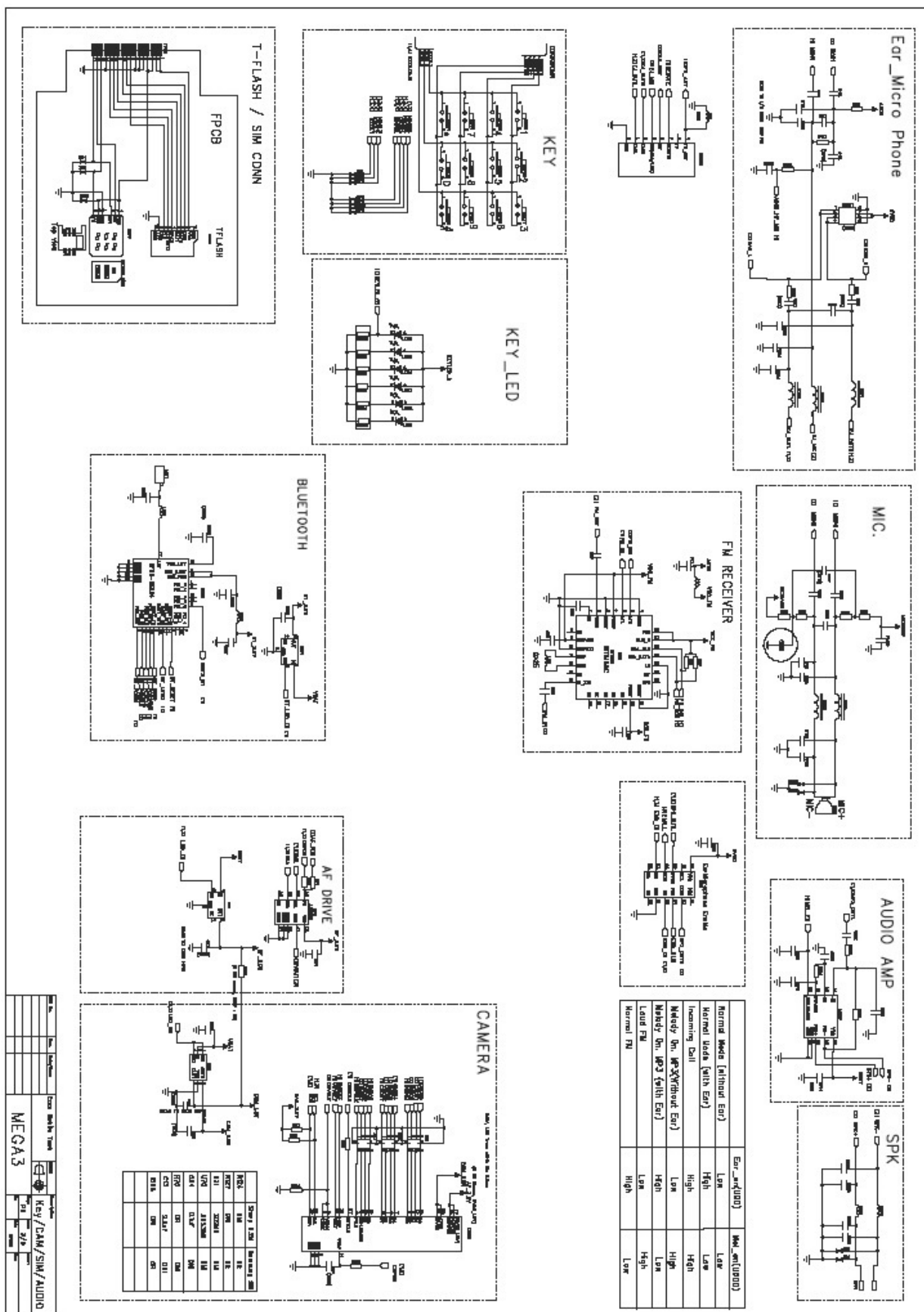




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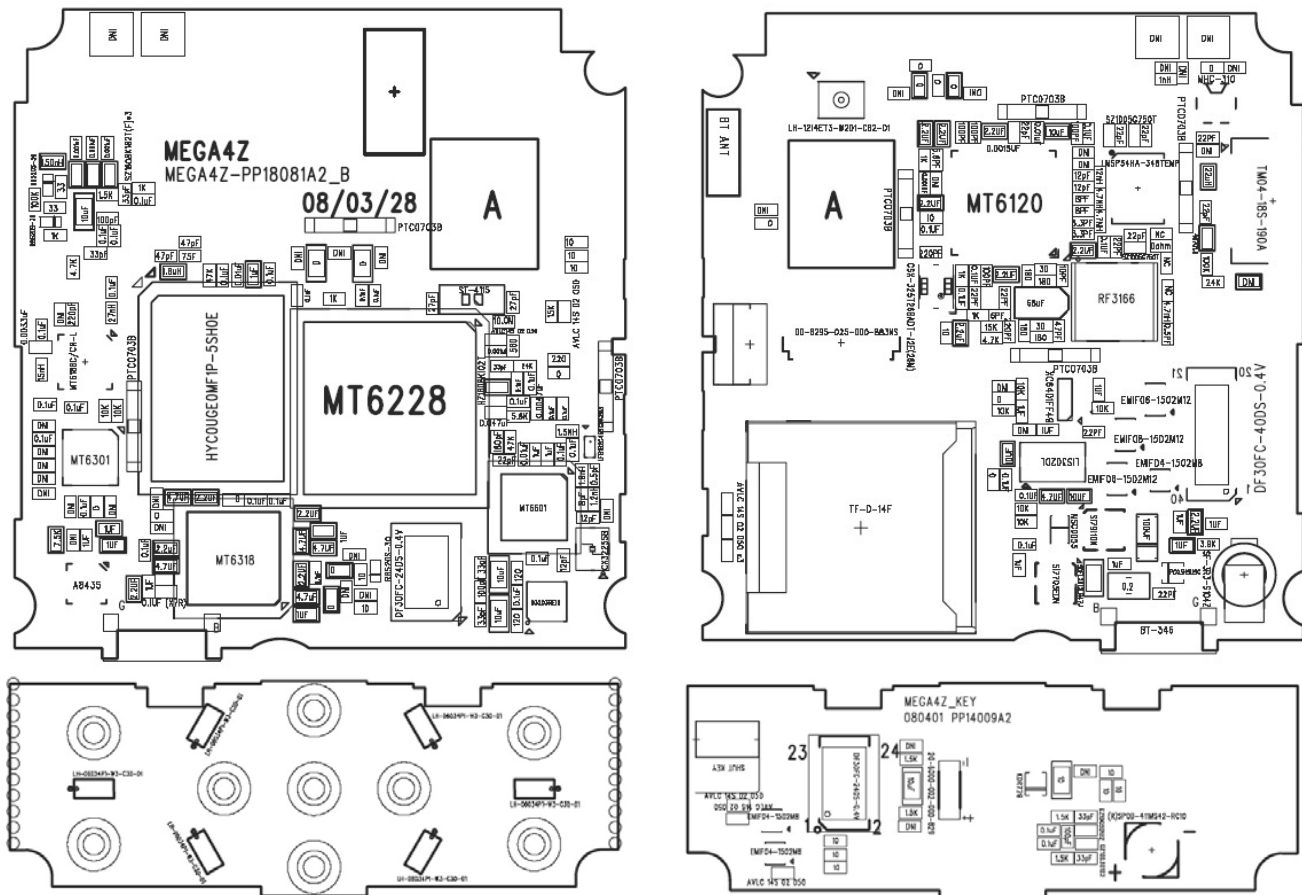
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< MEGA4 Component Location >





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## 4. Design

; For the exterior mechanical design,  
MEGA4 is pictured when it is front ,back and side as below.



; For the exterior mechanical design,  
MEGA3 is pictured when it is open and close(up and down) as below.

