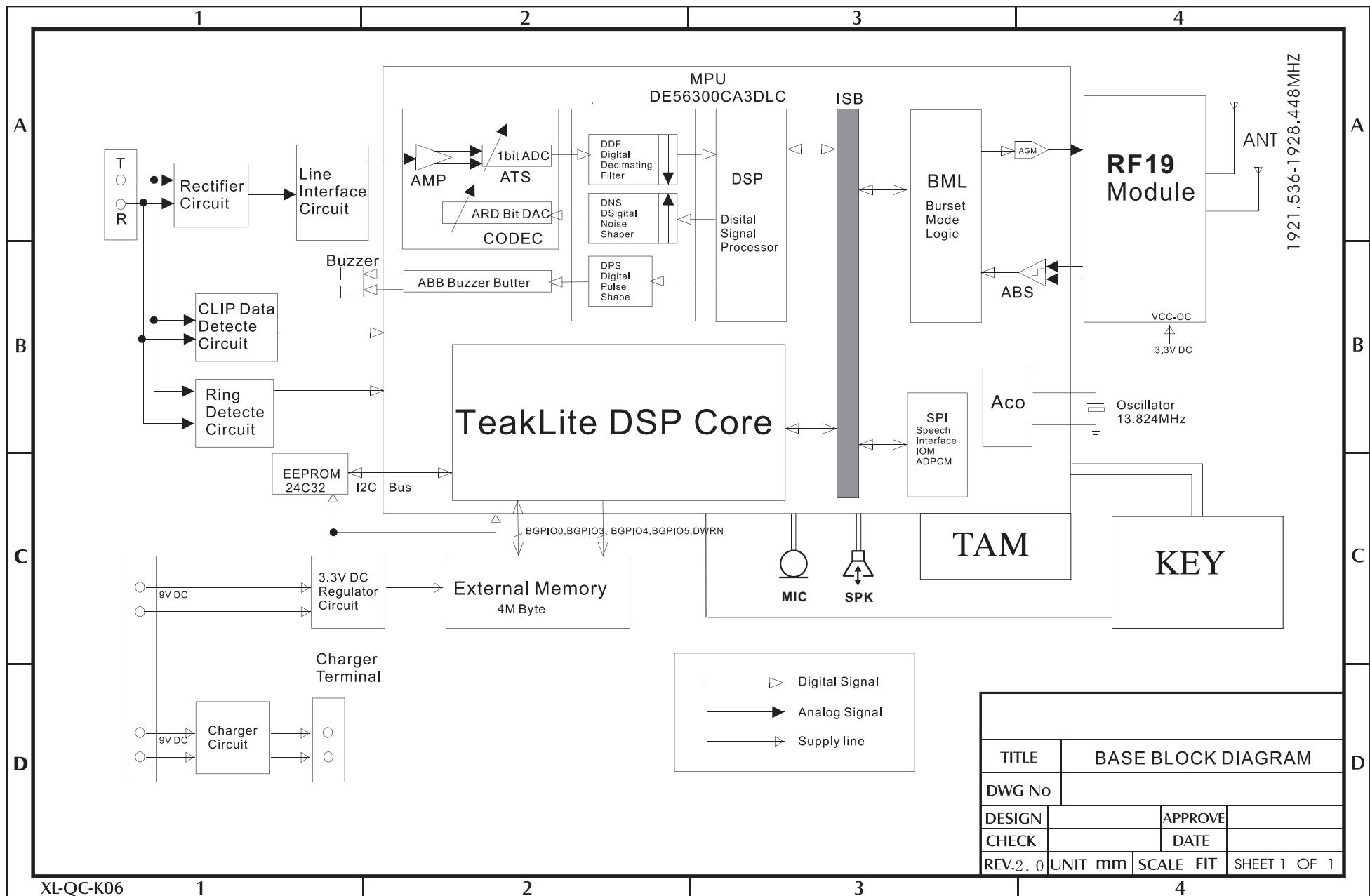


1. Block Diagram

1-1. Basestation Block Diagram



The Basestation Consists of BML (Burst Mode Logic), Speech network, Isolation interface, RF module, Linear regulator, Current Limiter, EEPROM , X-tal and so on.

3-1-2 . Bust Mode Logic

This is part to control all function of the Base station, we used the DE56300CA3DLC which is controller for DECT and control analog parts. This device include all control circuits of the Basestation for RF module, Isolation interface, ADPCM CODEC, seties regulator and soon. Also, the embedded processor to be compatible with Intel 8051-core in the DE56300CA3DLC process the program.

3-1-3 . Speech network

The function of this connects LINE interface and the DE56300CA3DLC.

3-1-4 . Isolation Interface

The function of this connect line and speech network IC. Also , the Isolation interface include the ring detect circuit, Caller-ID (option) and soon.

3-1-5 . EEPROM

This is 32K bytes of non-volatile memory. The each kind of value to set-up at Dialing memory, Ring level , operating parameter, EMC code and soon are stored in this device.

3-1-6 . Current Limiter

The current Limiter is circuit to supply the proper current to charge batteries of the handset from DC 7.5 V voltage to be inputted from the adapter.