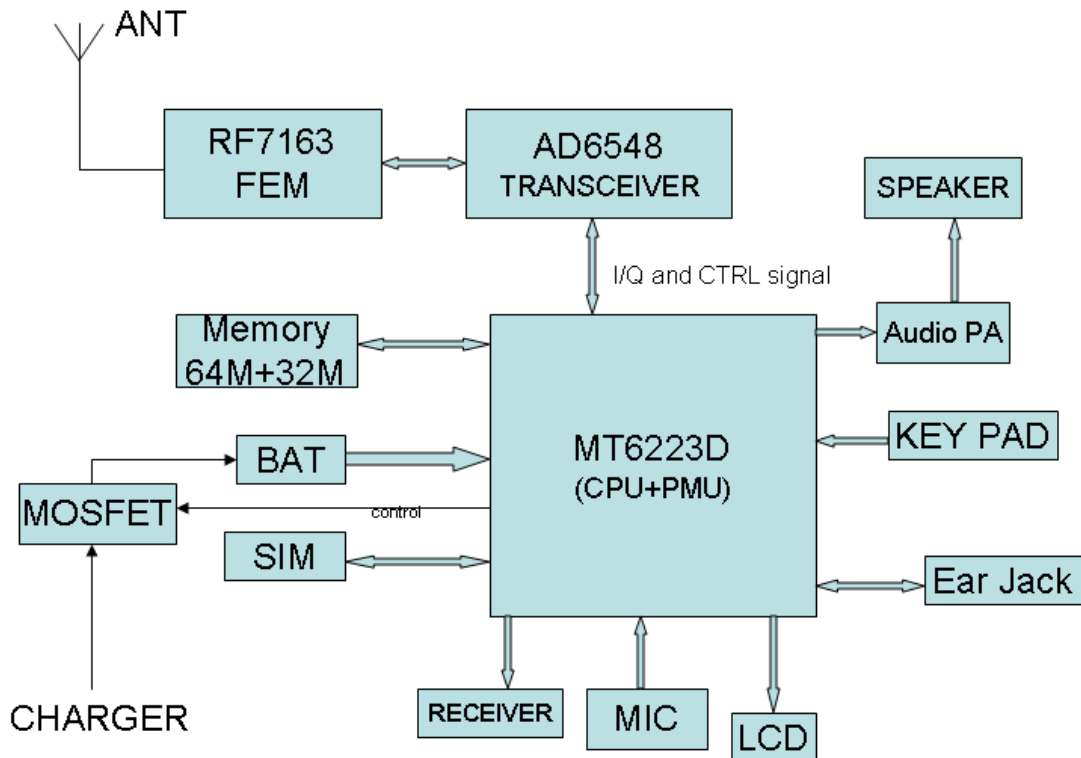
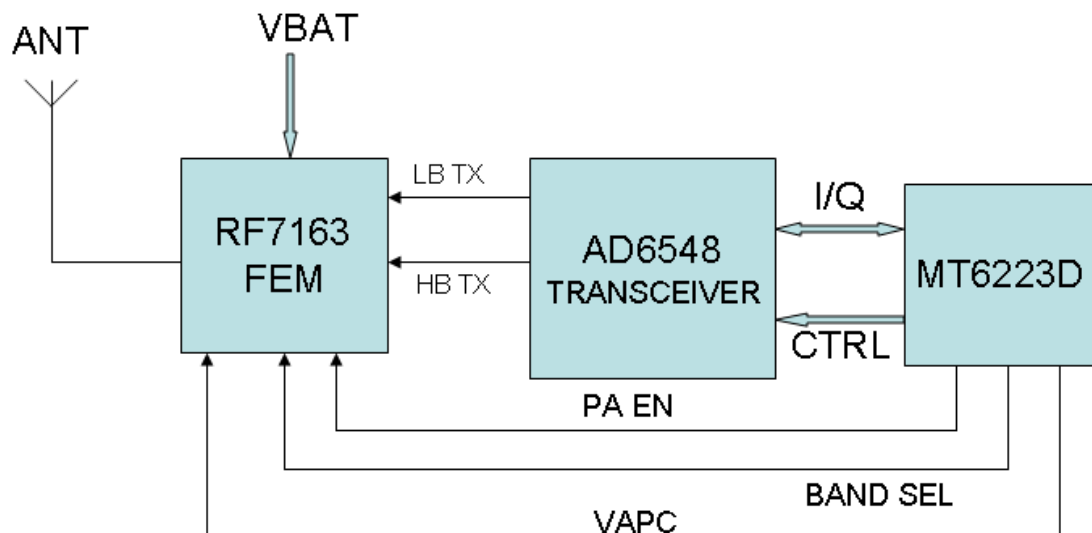


## Function Block Diagram



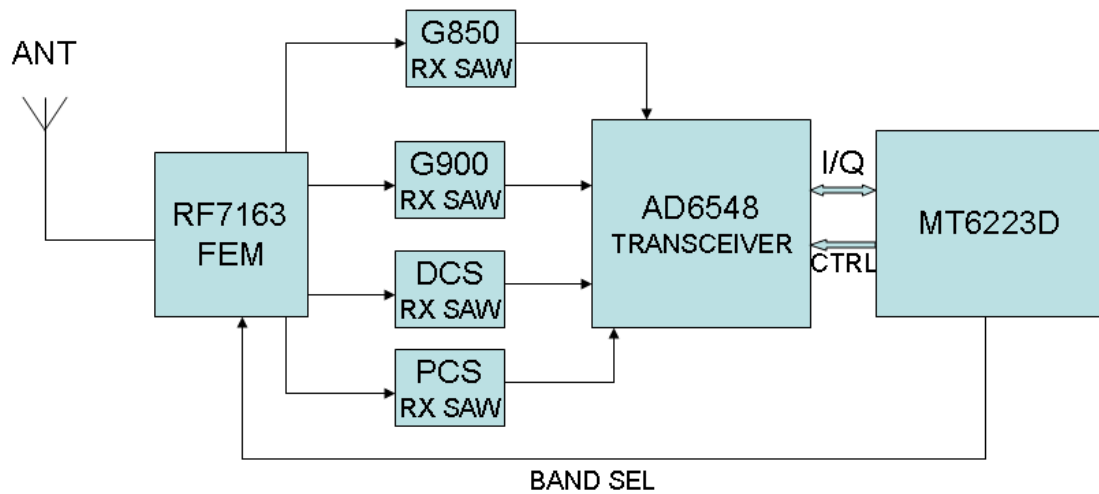
## RF Transmit Block Diagram



### ■ TX

1. MT6223D sends I/Q Signals into AD6548
2. These signals are modulated and up-converted in AD6548
3. RF7163 amplifies the power level of TX RF signal, and amplified signal is transferred to antenna.

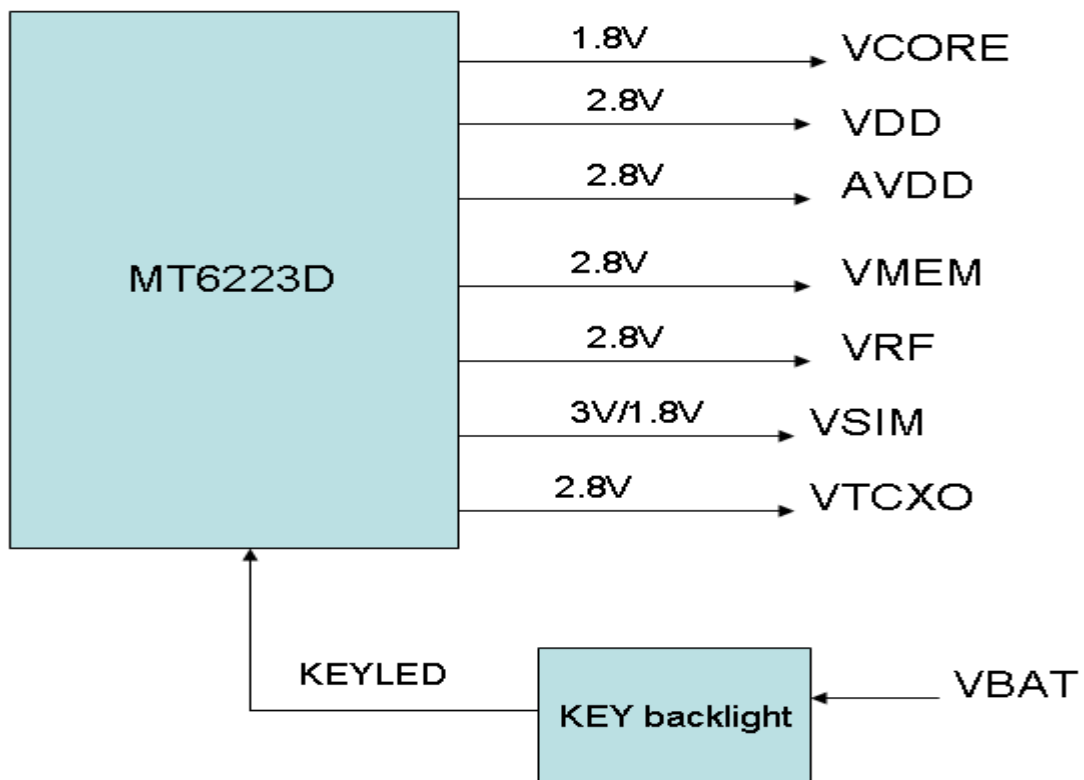
## RF Receive Block Diagram



### ■ RX

1. RX RF signal is transferred to AD6548 through FEM in RF7163.
2. RX RF signal is demodulated and down-converted in AD6548.
3. MT6223D processes these signals from AD6548.

## Power Supply Block Diagram



MT6223D includes 7 LDOs and KEY backlight control block and it can

control the charging management.