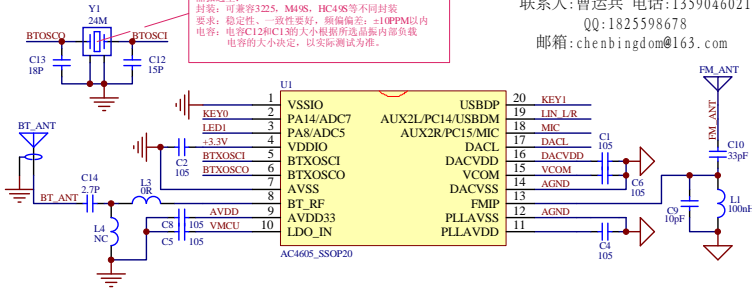


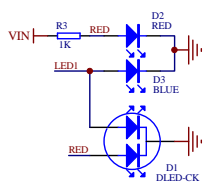
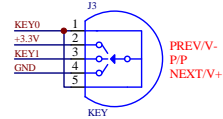
注：原理图中注释说明设计时需特别注意

杰理MP3插卡蓝牙方案专业开发商
 深圳市晨兵电子有限公司
 联系人：曹运兵 电话：13590460219
 QQ:1825598678
 邮箱：chenbingdom@163.com

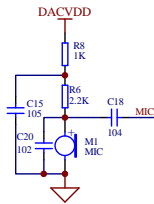
晶振选型：
 封装：可兼容3225、M49S、HC49S等不同封装
 要求：稳定性、一致性要好，频偏偏差：±10PPM以内
 电容：电容C12和C13的大小根据所选晶振内部负载电容的大小决定，以实际测试为准。



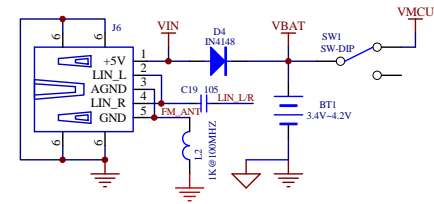
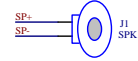
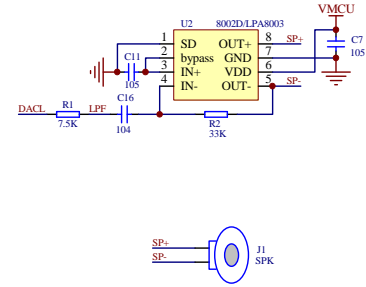
MCU



Key、LED



MIC



PA、Power