

## FCT-18832 working theory

### 1 By way of calling

① have PSTN outside line, when hook on telephone, CPU detection arrives to HOOKDET1 signal, the SLIC end of relay from change frequently open to close, right now CPU also at the same time detection go to SLIC end HOOKOFF signal, RF module gives dialling tone, telephone is dialed, CPU receives analysis: A when analysis is wired and to turn, makes HOOK1 change H (outside line from HOOK1 busy line) by L, number sends HM9270 decodes by CPU and then goes to CID1 of PSTN to send out, after number sends out relay telephone end connection return the end of outside line, at the same time will HOOK1 from H → L, make telephone direct connection outside line etc. return the tinkle of bells, when opposite side mentions, telephone can hold conversation. Right now, CPU will remember, is wired to be holding conversation, and refuse wireless cable, until CPU detection just resumes completely to the machine signal of this side till machine state. B when the number of CPU analysis is wireless and, directly makes number by RF module, right now will HOOK1 from L → H, make wired sham put through, until CPU detection just releases after the machine of SLIC end.

② will insert without PSTN outside line fashionable, CPU has no detection to PSTN dispatches from foreign news agencies, right now, SLIC is closed frequently, when dial telephone, CPU need not analyse number, own number walk wireless.

### 2 By way of receiving:

1 ), there is PSTN outside line:

① A, pawn wired cable, CPU detection arrival bell, make wireless end not to respond the wireless end cable of back for the state of busy line, CID direct from telephone decode show, hear the tinkle of bells by telephone after hook on can hold conversation, after machine, resume to treat machine state. B when wireless cable, CPU detection goes to wireless cable, relay will talk about machine from receive outside line dozen arrive to receive SLIC, send the tinkle of bells and No. CID yard again to telephone, let PSTN sham put through in order to refuse PSTN cable right now.

② pawn wired wireless at the same time cable, so as is wired and prior, it is wireless to refuse.

2 ) without PSTN outside line:

When without PSTN outside line inserting, it is fashionable, CPU has no detection to PSTN dispatches from foreign news agencies, right now, SLIC is closed frequently, when dial telephone, CPU need not analyse number, own number walk wireless.