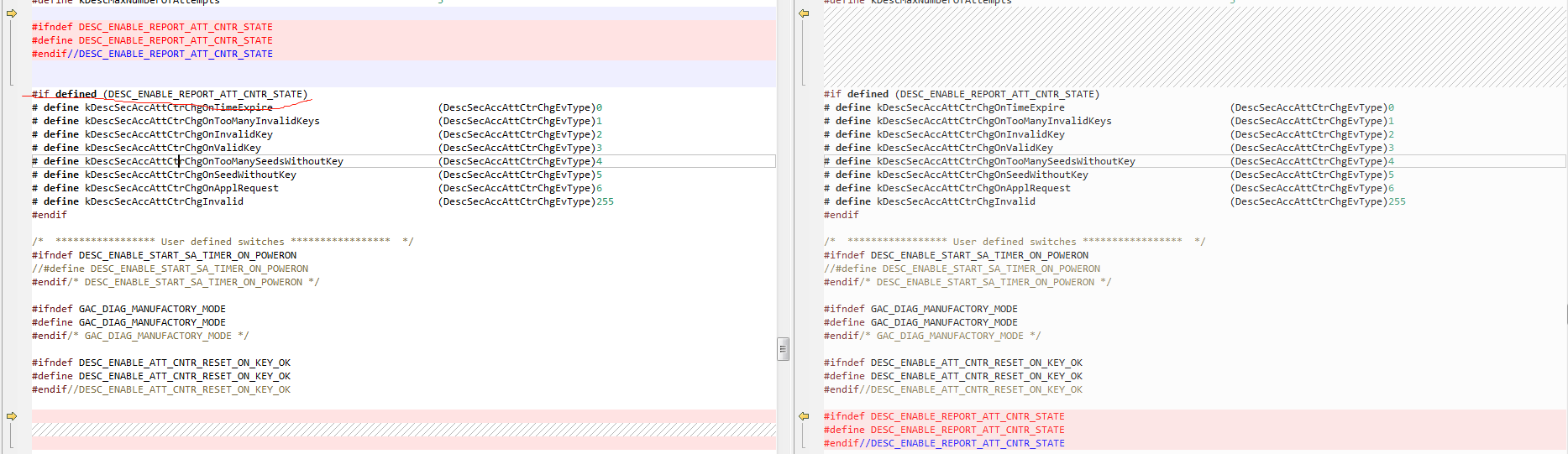
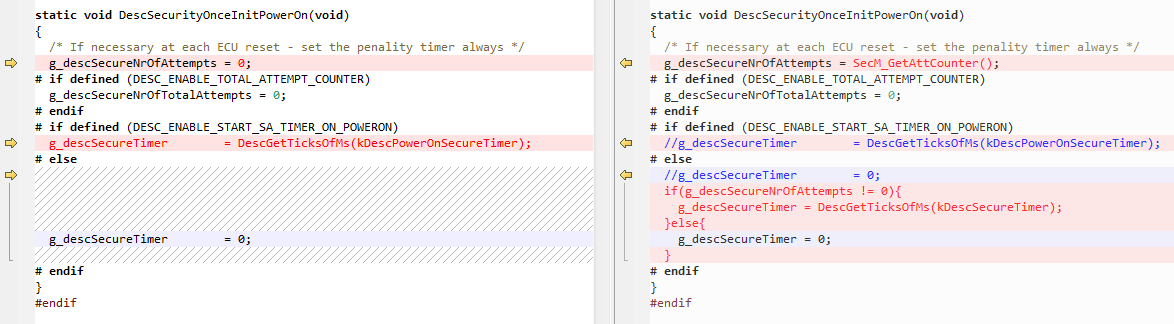
1.将一个宏的定义移到它本身的使用前，否则编译不过

搜索宏：DESC\_ENABLE\_REPORT\_ATT\_CNTR\_STATE



2.重构上电后安全计数器设置的函数

更改函数：DescSecurityOnceInitPowerOn



复制代码：

/\* If necessary at each ECU reset - set the penality timer always \*/

g\_descSecureNrOfAttempts = SecM\_GetAttCounter();

# if defined (DESC\_ENABLE\_TOTAL\_ATTEMPT\_COUNTER)

g\_descSecureNrOfTotalAttempts = 0;

# endif

# if defined (DESC\_ENABLE\_START\_SA\_TIMER\_ON\_POWERON)

// g\_descSecureTimer = DescGetTicksOfMs(kDescPowerOnSecureTimer);

# else

// g\_descSecureTimer = 0;

# endif

if(g\_descSecureNrOfAttempts != 0){

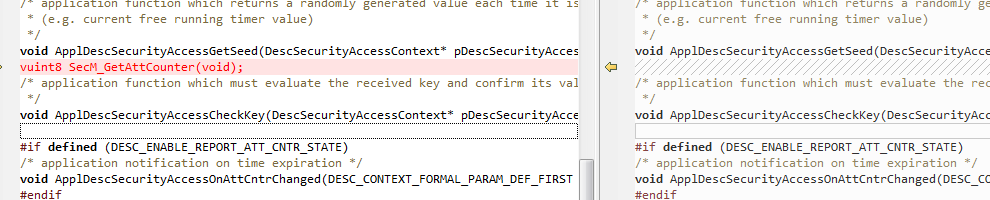
g\_descSecureTimer = DescGetTicksOfMs(kDescSecureTimer);

}else{

g\_descSecureTimer = 0;

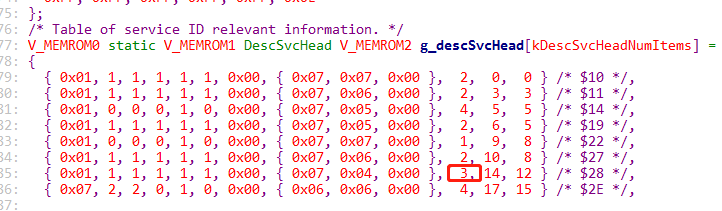
}

3.新增一个函数vuint8 SecM\_GetAttCounter(void)用于上电后读取EEP存储的安全访问失败计数



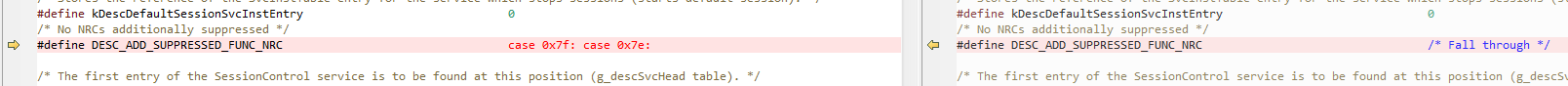
4.把诊断28服务的最小长度2改为3

搜索数组：g\_descSvcHead



5.功能寻址 0x7E 0x7F不做出响应

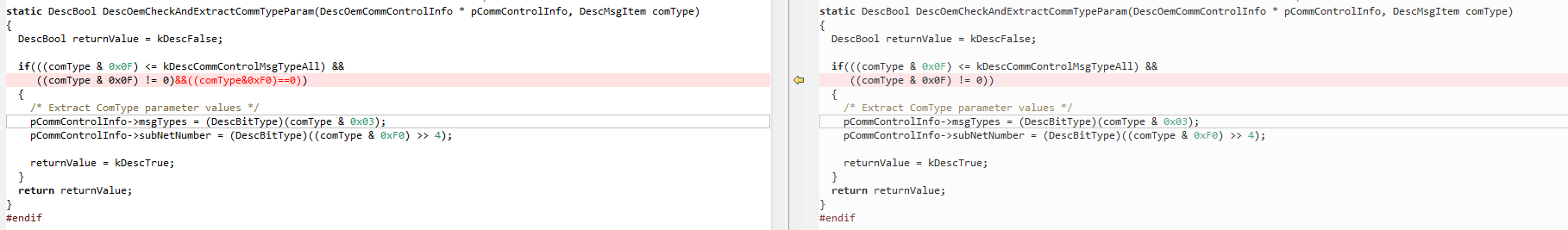
搜索宏：DESC\_ADD\_SUPPRESSED\_FUNC\_NRC



#define DESC\_ADD\_SUPPRESSED\_FUNC\_NRC case 0x7f: case 0x7e:

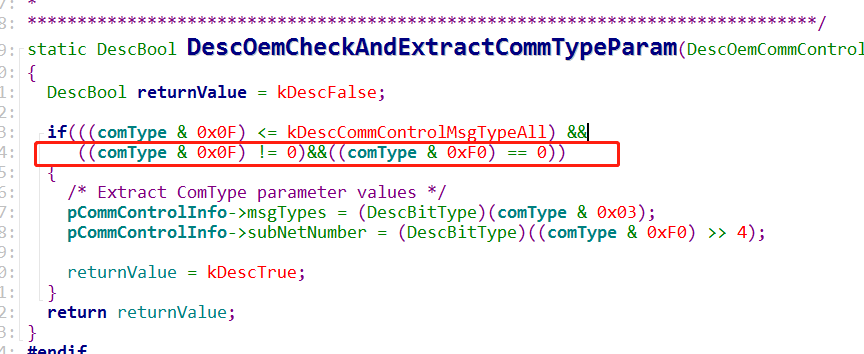
6.CommunicationControl (0x28)

CommunicationType 只有kDescCommControlMsgAppl ==0x01 ，kDescCommControlMsgNm==0x2



搜素：DescOemCheckAndExtractCommTypeParam

复制代码：((comType & 0x0F) != 0)&&((comType & 0xF0) == 0))



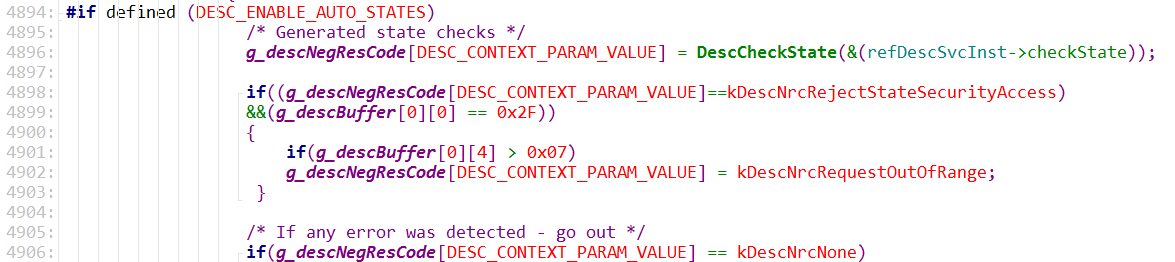
7.屏蔽宏DESC\_ENABLE\_USE\_ERR\_CNTR\_PROTECTION 支持一直响应种子的请求

搜索宏：DESC\_ENABLE\_USE\_ERR\_CNTR\_PROTECTION



8.2F服务的NRC31优先级调整：

添加代码：/\* Generated state checks \*/



if((g\_descNegResCode[DESC\_CONTEXT\_PARAM\_VALUE]==kDescNrcRejectStateSecurityAccess)

&&(g\_descBuffer[0][0] == 0x2F))

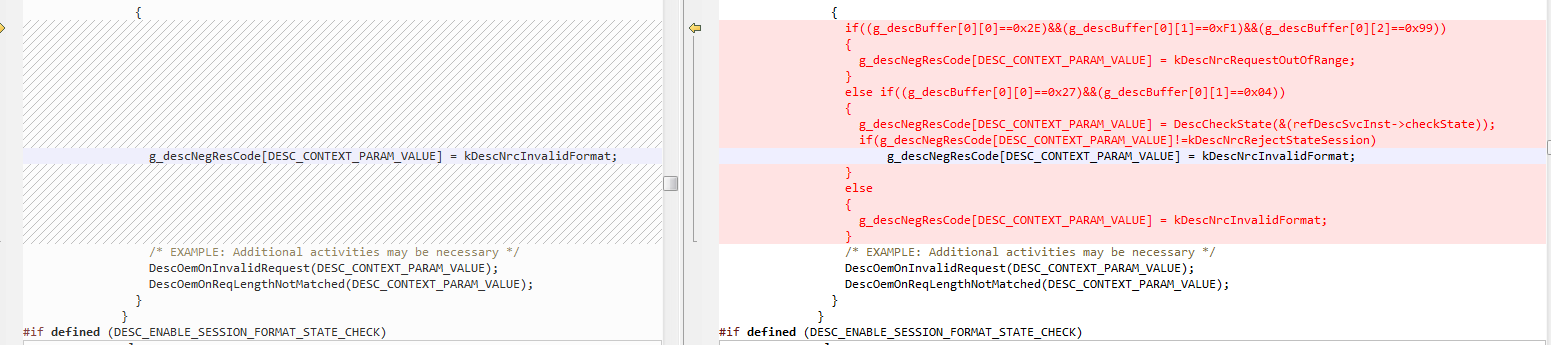
{

if(g\_descBuffer[0][4] > 0x07)

g\_descNegResCode[DESC\_CONTEXT\_PARAM\_VALUE] = kDescNrcRequestOutOfRange;

}

9.2E服务0xF199的NRC31和27服务NRC13优先级调整

搜索位置：DescOemOnReqLengthNotMatched(DESC\_CONTEXT\_PARAM\_VALUE); if((g\_descBuffer[0][0]==0x2E)&&(g\_descBuffer[0][1]==0xF1)&&(g\_descBuffer[0][2]==0x99))

{

g\_descNegResCode[DESC\_CONTEXT\_PARAM\_VALUE] = kDescNrcRequestOutOfRange;

}

else if((g\_descBuffer[0][0]==0x27)&&(g\_descBuffer[0][1]==0x04))

{

g\_descNegResCode[DESC\_CONTEXT\_PARAM\_VALUE] = DescCheckState(&(refDescSvcInst->checkState));

if(g\_descNegResCode[DESC\_CONTEXT\_PARAM\_VALUE]!=kDescNrcRejectStateSession)

g\_descNegResCode[DESC\_CONTEXT\_PARAM\_VALUE] = kDescNrcInvalidFormat;

}

else

{

g\_descNegResCode[DESC\_CONTEXT\_PARAM\_VALUE] = kDescNrcInvalidFormat;

}

10. ccl\_par.c中以下两个函数:

IlTxWait();IlRxWait();需要被修改成IlTxStop();IlRxStop();

IlTxRelease();IlRxRelease();需要被修改成IlTxStart();IlRxStart();

搜索：CclBusOffStart CclBusOffEnd

