**ISAM卡调用DLL 函数文档**

//打开串口

[DllImport("samfkq.dll", EntryPoint = "COM\_Open", CallingConvention = CallingConvention.StdCall)]

public static extern Int32 COM\_Open(string Comm, Int32 BaudRate);

//关闭串口

[DllImport("samfkq.dll", EntryPoint = "COM\_Close", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_Close(out Int32 hcom);

//选择通道

[DllImport("samfkq.dll", EntryPoint = "COM\_Select\_Pipe", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_Select\_Pipe(Int32 hcom, byte bICPipe);

//设置端口

[DllImport("samfkq.dll", EntryPoint = "COM\_Set\_port", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_Set\_port(Int32 hcom, byte port);

//寻卡

[DllImport("samfkq.dll", EntryPoint = "COM\_Request", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_Request(Int32 hcom, byte mode, out Int16 tagtype);

//防碰撞

[DllImport("samfkq.dll", EntryPoint = "COM\_Anticoll", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_Anticoll(Int32 hcom, out UInt32 snr);

//选卡

[DllImport("samfkq.dll", EntryPoint = "COM\_Select", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_Select(Int32 hcom, UInt32 snr, out byte size);

//认证

[DllImport("samfkq.dll", EntryPoint = "COM\_Authentication", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_Authentication(Int32 hcom, byte authmode, UInt32 snr, byte[] keys, byte Block);

//卡休眠

[DllImport("samfkq.dll", EntryPoint = "COM\_Halt", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_Halt(Int32 hcom);

//读取卡片区块数据

[DllImport("samfkq.dll", EntryPoint = "COM\_Read", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_Read(Int32 hcom, byte address, byte[] data);

//写卡区块数据

[DllImport("samfkq.dll", EntryPoint = "COM\_Write", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_Write(Int32 hcom, byte address, byte[] data);

//将address块中的数值读到卡RAM中

[DllImport("samfkq.dll", EntryPoint = "COM\_Restore", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_Restore(Int32 hcom, byte address);

//将卡RAM中的数值存放到ADDRESS块中

[DllImport("samfkq.dll", EntryPoint = "COM\_Transfer", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_Transfer(Int32 hcom, byte address);

//CPU卡复位

[DllImport("samfkq.dll", EntryPoint = "COM\_CPUC\_Reset", CallingConvention = CallingConvention.StdCall)]

public static extern byte COM\_CPUC\_Reset(Int32 hcom, out byte l, byte[] resp);

//执行CPU卡命令

[DllImport("samfkq.dll", EntryPoint = "COM\_CPUC\_Cmd", CallingConvention = CallingConvention.StdCall)]

public static extern UInt16 COM\_CPUC\_Cmd(Int32 hcom, byte len, byte[] cmd, out byte lenr, byte[] resp);

//3DES加密

[DllImport("samfkq.dll", EntryPoint = "TripDESencrypt", CallingConvention = CallingConvention.StdCall)]

public static extern void TripDESencrypt(byte[] key,byte[] dest, byte[] sour);