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@Done
@/*****/
@/*
@/*          INTERFAC.H          */
@/*          Interface Definitions */
@/*          Include File        */
@/*          VoIP Telephone Project */
@/*          EE/CS 52            */
@/*          */
@/*****/

@  This file contains the constants for interfacing between the C code and
@  the assembly code/hardware.

@  Revision History:
@  Name          Comment          Date
@  Glen George   Initial revision. 6/3/06
@  Glen George   Added ETHER_INTF definition. 6/7/06
@  Glen George   Added MAC_ADDR_H and 3/8/11
@                  MAC_ADDR_L definitions.
@  Will Werst    Changed values to match Some lonely night around 6/10/17
@                  my specification

.equ  MEMORY_SIZE,      32
.equ  SAMPLE_RATE,     8000

.equ  MAC_ADDR_H,       0xEA09
.equ  MAC_ADDR_L,       0x87654321

@.equ  ETHER_INTF,      "et0"

.equ  KEY_0,            0
.equ  KEY_1,            1
.equ  KEY_2,            2
.equ  KEY_3,            3
.equ  KEY_4,            4
.equ  KEY_5,            5
.equ  KEY_6,            6
.equ  KEY_7,            7
.equ  KEY_8,            8
.equ  KEY_9,            9
.equ  KEY_ESC,          10
.equ  KEY_BACKSPACE,    11
.equ  KEY_SEND,         12
.equ  KEY_OFFHOOK,      13
.equ  KEY_ONHOOK,       14
.equ  KEY_SET_IP,        15
.equ  KEY_SET_SUBNET,    16
.equ  KEY_SET_GATEWAY,   17
.equ  KEY_MEM_SAVE,      18
.equ  KEY_MEM_RECALL,    19
.equ  KEY_ILLEGAL,       20

.equ  STATUS_IDLE,      0
.equ  STATUS_OFFHOOK,   1
.equ  STATUS_RINGING,   2
.equ  STATUS_CONNECTING, 3
.equ  STATUS_CONNECTED, 4
.equ  STATUS_SET_IP,     5
.equ  STATUS_SET_SUBNET, 6
.equ  STATUS_SET_GATEWAY, 7
.equ  STATUS_MEM_SAVE,   8
.equ  STATUS_MEM_RECALL, 9
.equ  STATUS_RECALLED,   10

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.equ STATUS_ILLEGAL, 11  
.equ AUDIO_BUFLLEN, 256
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