#include "214\_Body\_ALCD64.c"

#include "214\_Body\_ADC64.c"

/\* End user code. Do not edit comment generated here \*/

#include "r\_cg\_userdefine.h"

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Global variables and functions

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

/\* Start user code for global. Do not edit comment generated here \*/

unsigned char Temp\_Disp[17] = "T00 S000 ";

void Device\_Init( void );

//unsigned char Temp\_Disp[17] = "TEMPARAT = 00'C ";

/\* End user code. Do not edit comment generated here \*/

/\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\* Function Name: main

\* Description : This function implements main function.

\* Arguments : None

\* Return Value : None

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*/

void main(void)

{

/\* Start user code. Do not edit comment generated here \*/

Device\_Init( );

MSDelay(500);

while(1)

{

ADC64\_Start(0x00);

Temp\_Disp[1] = Volt\_Value[1];

Temp\_Disp[2] = Volt\_Value[2];

ALCD\_Message( 0x80, Temp\_Disp );

MSDelay(500);

if( Temp\_Disp[1] >= '4' )

{

ALCD\_Message( 0xC0, "HIGH TEMPERATURE" );

MSDelay(6000);

}

else

if( Temp\_Disp > "4" )

{

ALCD\_Message( 0xC0, " SMOKE HIGH " );

MSDelay(6000);

}

}

while (1U)

{

;

}

/\* End user code. Do not edit comment generated here \*/

}

/\* Start user code for adding. Do not edit comment generated here \*/

void Device\_Init(void)

{

MSDelay(500);

ALCD\_Init( );

MSDelay( 200 ); // 0.2 sec delay

ALCD\_Message( 0x80, " bhagya " );

ALCD\_Message( 0xC0, " prakruthi " );

MSDelay( 2000 );

R\_SAU0\_Create( );

R\_UART0\_Start( );

R\_ADC\_Create( );

R\_ADC\_Set\_OperationOn( );

}

/\* End user code. Do not edit comment generated here \*/