#include "lpc214x.h"

#include "stdint.h"

unsignedint cmd8[] = {0X38,0x38,0x0E,0x02,0x01,0x00};

unsigned intmsg[] = {'H','e','l','l','o',0x20,'R','I','T',0x20,0x00};

unsignedintlcdval,index,delay\_ms;

voidInitLPC(void)

{

PINSEL0 = 0x00L;

IO0DIR = 0XFFFFFFFF;

}

void Delay(unsigned intdms)

{

delay\_ms = dms;

while(delay\_ms> 0)

{

delay\_ms--;

}

}

Void InitLCD()

{

index=0;

lcdval=cmd8[index];

while(lcdval !=0x0)

{

IO0SET = lcdval;

lcdval |= 0x400;

IO0SET = lcdval;

Delay(500);

IO0CLR=0xFFFF;

index++;

lcdval=cmd8[index];

}

}

voidShowMsg()

{

index=0;

lcdval=msg[index];

while(lcdval !=0x0)

{

IO0SET = lcdval;

lcdval |= 0x500;

IO0SET = lcdval;

Delay(500);

IO0CLR=0xFFFF;

index++;

lcdval=msg[index];

}

}

void main(void)

{

InitLPC();

while(1)

{

InitLCD();

ShowMsg();

Delay(5000);

}

}