**DIGITAL SIGNAL PROCESSING LAB EXPT.10**

**NIKHIL ROUT**

**22BEC1020**

**AIM:**

**➢ To perform audio signal filtering using DSP processor.**

**CCS CODE:**

#include "L138\_LCDK\_aic3106\_init.h"

interrupt void interrupt4(void) // interrupt service routine

{

uint32\_t sample;

sample = input\_sample(); // read L + R samples from ADC

output\_sample(sample); // write L + R samples to DAC

return;

}

int main(void)

{

L138\_initialise\_intr(FS\_48000\_HZ,ADC\_GAIN\_0DB,DAC\_ATTEN\_0DB,LCDK\_LINE\_INPUT);

while(1);

}

