The AD\_INTERRUPT program reads the input pair AIN0-AIN1

of the MSC121x using an interrupt service routine.

The analog value is printed along with other A/D relevant

information via the serial interface.

This example uses floating point arithmetic to convert

the A/D result.

Also shown is the usage of the uVision simulator. The file

Debugger.INI defines a signal function that creates a voltage

ramp on AIN0-AIN1. Toolbox buttons are defined for easy access

to this signal function.

The example is available in three targets:

ISD51 - DAQ - 1.84MHz:

generates the program for the TI MSC1210-DAQ-EVM board that uses

1.8432MHz XTAL. It can be debugged using the ISD51 In-System

Debugger with 9600bps communication baudrate.

(Note: The XTAL is given in the Options - C51 dialog)

ISD51 - EVM - 11.0592MHz:

generates the program for the TI MSC1210 EVM board that uses

11.0592MHz XTAL. It can be debugged using the ISD51 In-System

Debugger with 9600bps communication baudrate.

Simulator:

generates the program for running without ISD51 (at 11.0592MHz)

or with testing with the uVision Simulator.