

**Code File details**

 .mmregs

 .global \_c\_int00

 .text

\_c\_int00:

 STM #10H,AR2;Initialize counter AR2 = 10h

 STM #410H,AR1;Initialize pointer AR1 = 410h

 LD #0H, A; Initialize sum A=0

 SSBX SXM ; Select sign extension mode

START:

 ADD\*AR1+,A; Add the next data value

 BANZ START, \*AR2-; Repeat if not done

 NOP; No Operation

 .end

MEMORY

{

 PAGE 0: IPROG: origin = 0x1000, len = 0x3000

 PAGE 1: IDATA: origin = 0x400, len = 0x100

}

SECTIONS

{

 .text: {} > IPROG PAGE 0

 .data: {} > IDATA PAGE 1



