

**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



