



Start Addr = 0x4000  
 End Addr = 0x40AF  
 Length = 0x0032 words

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; Set XMODEN bit and XWM = w7
; w7 selected for X-AGU modulo addressing
MOV.L #0x8007, w6
MOV.L w6, MODCON

; set modulo end address
MOV.L #0x40AF, w6
MOV.L w6, XMODEND

; set modulo start address
MOV.L #0x4000, w7
MOV.L w7, XMODSRT
; Modulo Addressing buffer length set to 0xAF.
. . .
. . .

MPY.L [w7]+=4, w5, A ; w7 = 0x4004
REPEAT #0x2A
MAC.L [w7]+=4, w5, A
;Content of W7 rolled back to 0x4000
. . .
. . .

```