

ori \$a0, \$at, 0x0000

ori: type I, opcode 0x0d = ~~0000~~ 1101

\$a0 = \$4 = 00100

\$at = \$1 = 00001

	opcode	\$A	\$B		imm	
0x	3	4	2	4	0	0 0 0 0

add \$sp, \$tp, \$t1

add: type R, opcode 0x00 = ~~0000~~ 0000  
func = 0x70 = ~~0010~~ 0000

\$sp = \$16 = 10000

dest. → \$C

\$tp = \$8 = 01000

target → \$A

\$t1 = \$9 = 01001

source → \$B

	opcode	\$A	\$B	\$C	imm	func
0x	0	1	9	8	0	2 0

0x71208002

	opcode	\$A	\$B	\$C	imm	func
lc	0111	0001	0010	1000	1000	0000

mul	\$rt	\$rs	\$rd
(type R)	\$9	\$8	\$16
	\$t1	\$t0	\$s0

mul \$s0, \$t1, \$t0

mul

see:  
blog.loadzero.com/  
demo/mipsdis/  
demo.html