

# MIPS Registers

Name	Register Number	Usage	Preserve on call?
\$zero	0	constant 0 (hardware)	n.a.
\$at	1	reserved for assembler	n.a.
\$v0 - \$v1	2-3	returned values	No
\$a0 - \$a3	4-7	arguments	Yes
\$t0 - \$t7	8-15	temporaries	No
\$s0 - \$s7	16-23	saved values	Yes
\$t8 - \$t9	24-25	temporaries	No
\$gp	28	global pointer	Yes
\$sp	29	stack pointer	Yes
\$fp	30	frame pointer	Yes
\$ra	31	return addr (hardware)	Yes