

Name	Register number	Usage	Preserved on call?
x0	0	The constant value 0	n.a.
x1 (ra)	1	Return address (link register)	yes
x2 (sp)	2	Stack pointer	yes
x3 (gp)	3	Global pointer	yes
x4 (tp)	4	Thread pointer	yes
x5 - x7	5–7	Temporaries	no
x8 - x9	8–9	Saved	yes
x10 - x17	10–17	Arguments/results	no
x18 - x27	18–27	Saved	yes
x28 - x31	28–31	Temporaries	no