

Table	Base	Columns																		
Program	Address			Inst	truction	IsPadding														
Instruction	Addre	ess		CI	NIA	IsPac	dding													
Processor	CLK	IsPadding	IP	CI	NIA	IB0		IB6	JSP	JS0	JSD	ST0		ST15	OSP	OSV	HVO		HV3	RAMV
OpStack	CLK						IB1	(ê shr	ink sta	ick)				OSP	OSV					
RAM	CLK												RAMI	P (Î ST	1)				RAMV	IORD
JumpStack	CLK			CI					JSP	JS0	JSD									
Hash	Roun	dNumber										ST0		ST15	CONS	TANTO	A		CONST	ANT15B

#clk	instruction					
1	nop					
2	neg					
4	$\operatorname{sub}$ $\operatorname{st0}-\operatorname{st1}$					
68	is_u32					
139	${\tt split\_assert}$					
146	lte					
148	lt st0 < st1					
295	and					
301	xor					
195	reverse					
232	div st0/st1					