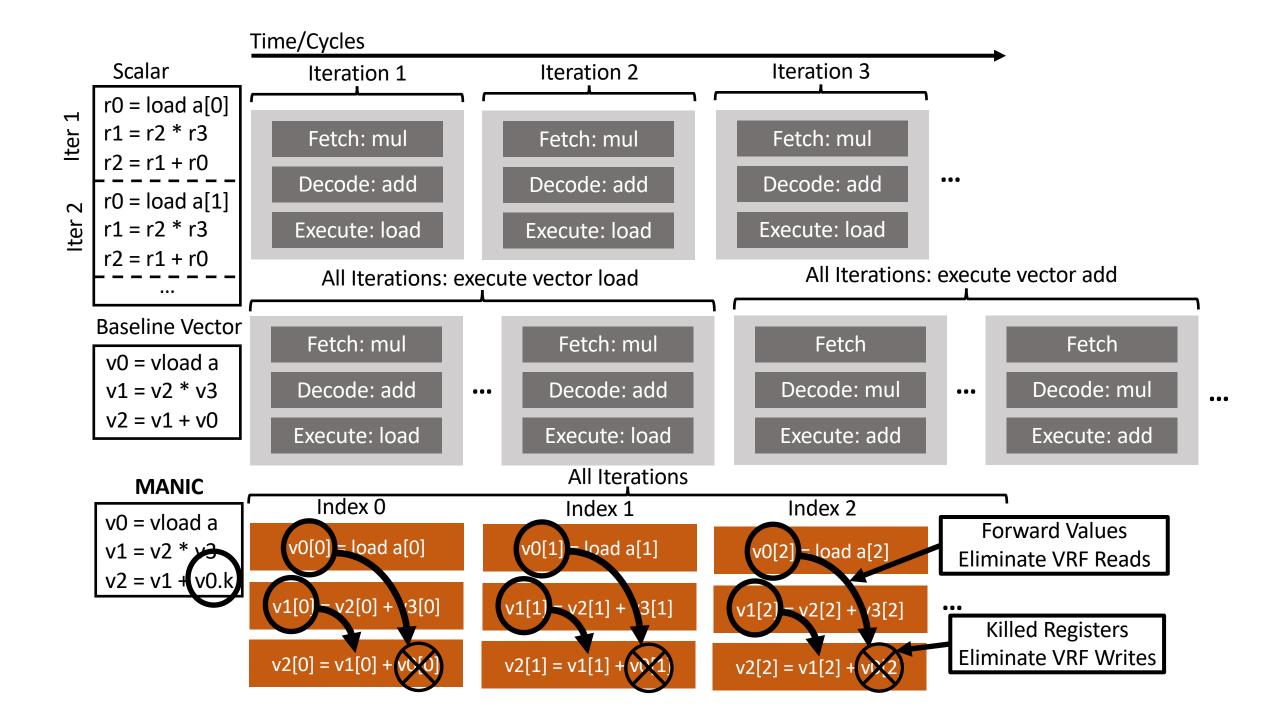
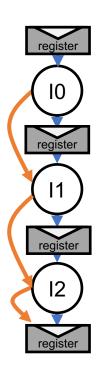
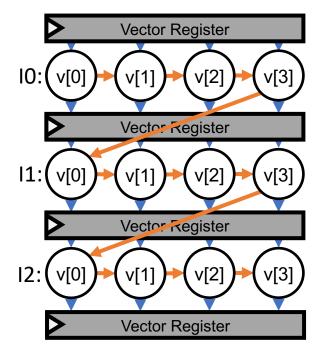
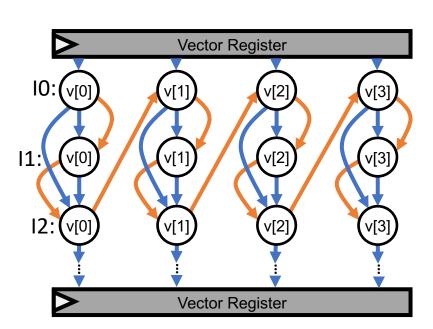


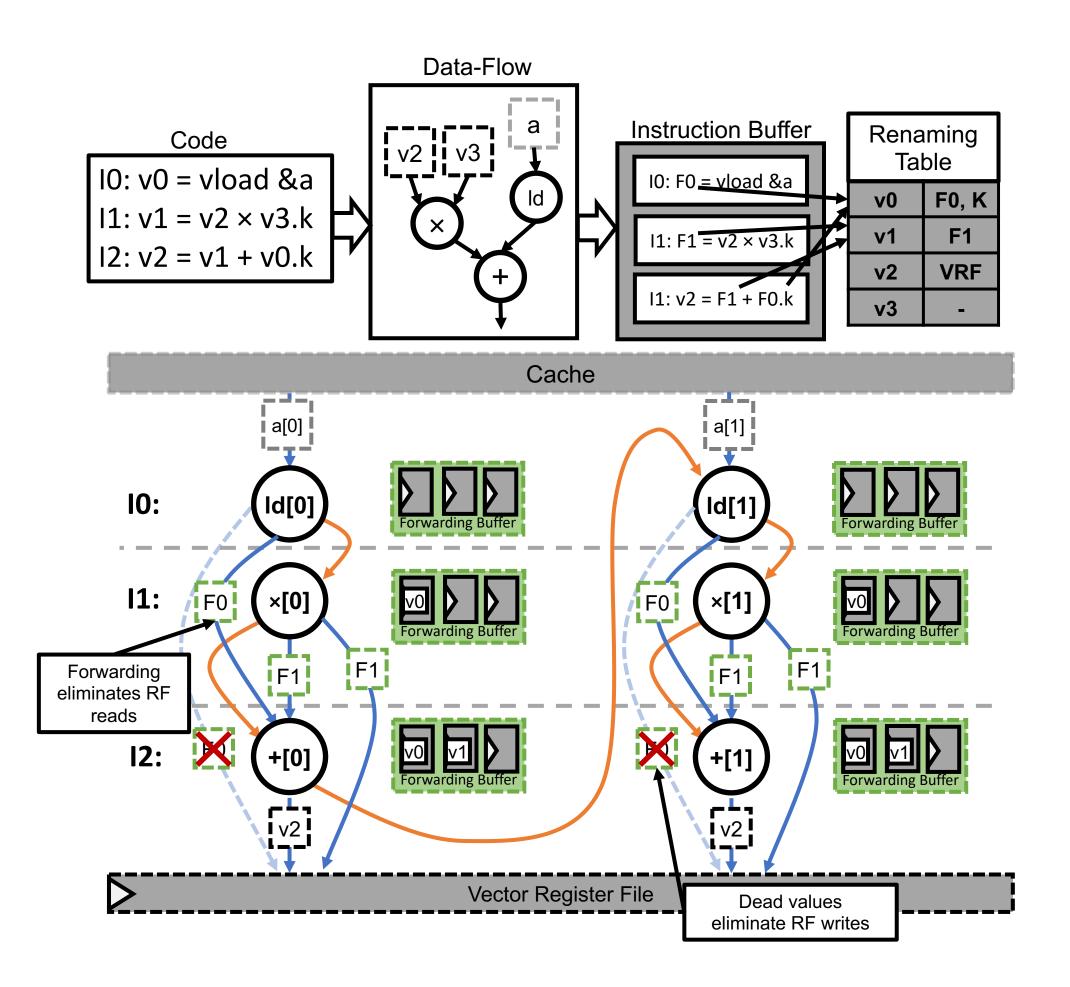
Main	Fetch Decode Execute Scalar Core	Renaming Table v0 F v1 F Issue Logic			MANIC Vector Unit Dotted – Stateful elements		
	Cache	Forwarding Buffer			Data-flow Control-flo		
VRF	Compute	V	op oad add		src1 F0 v0 ruction uffer	src2 - F1	

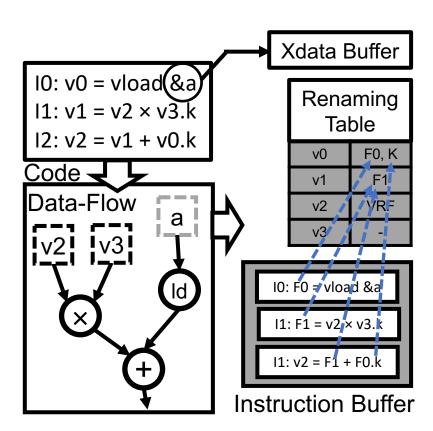


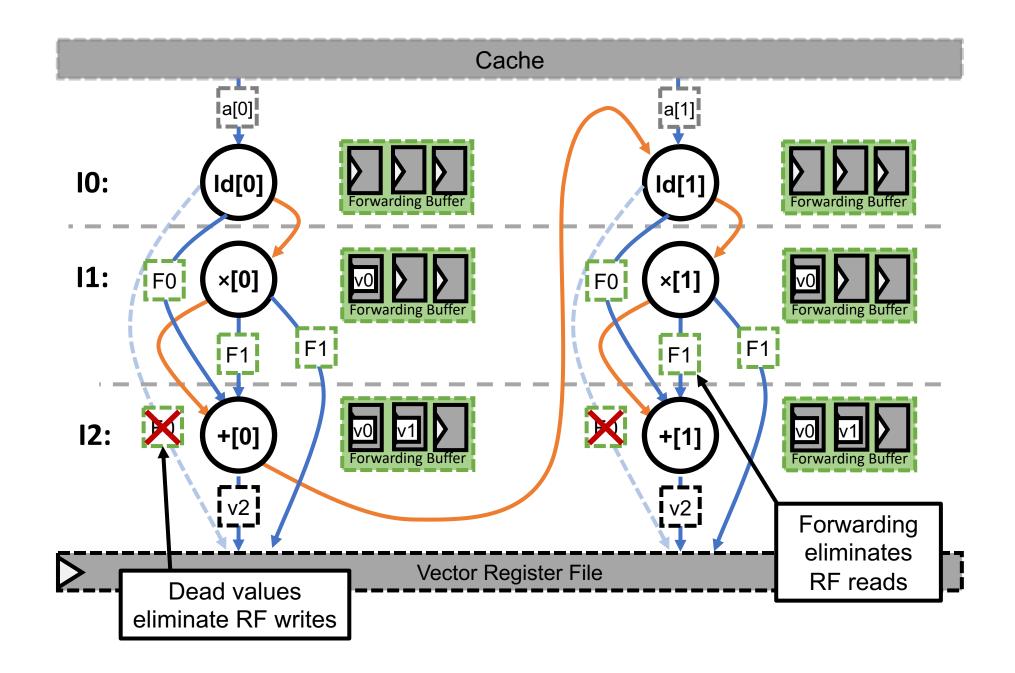


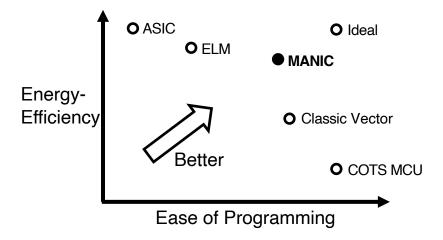




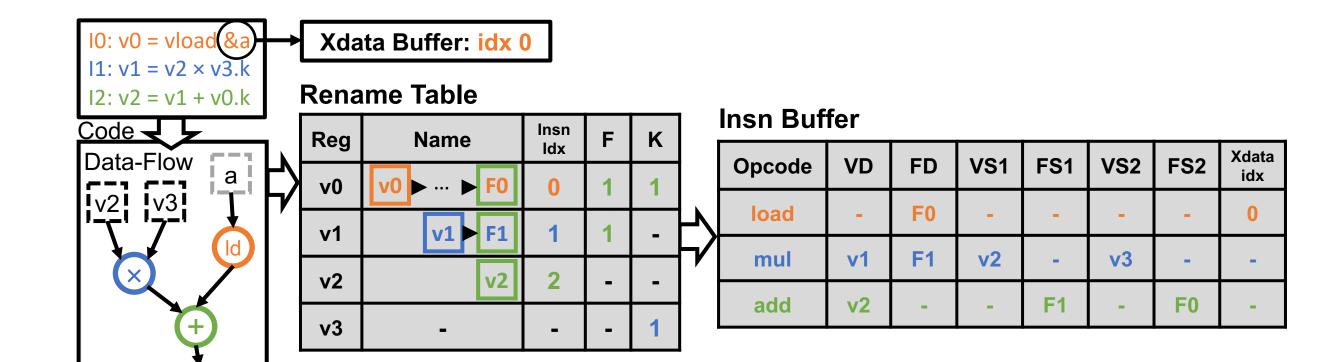


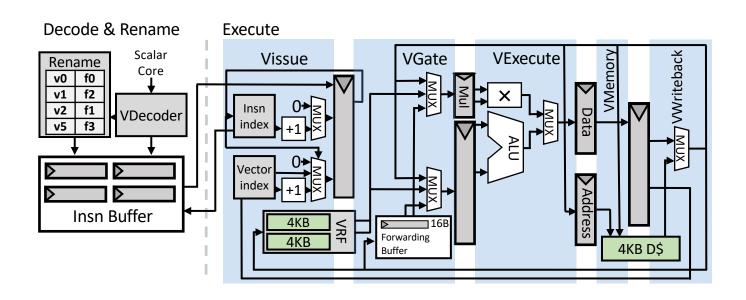


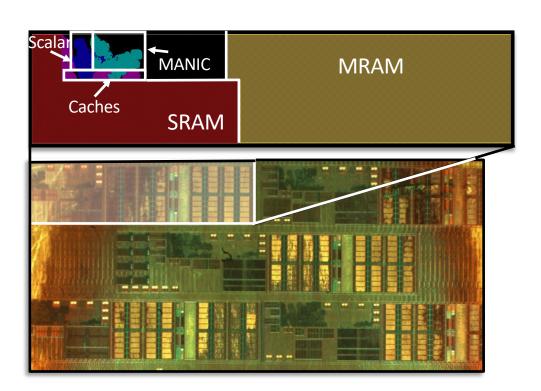


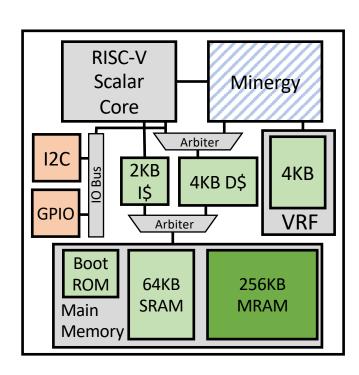


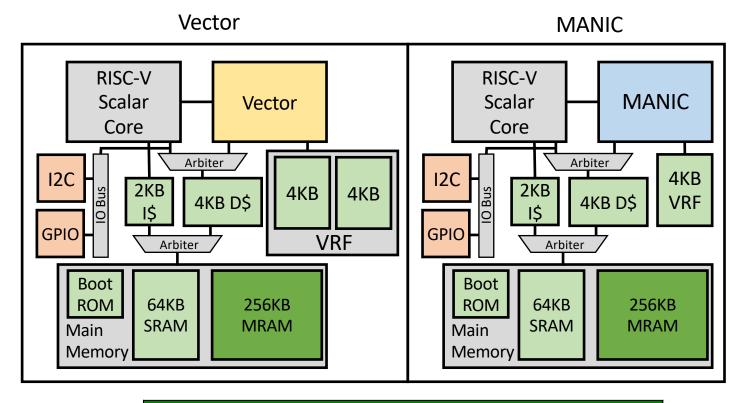
Main	Fetch Decode Execute Scalar Core	Renan v0 v1 Issue	ning Ta	:	State	_
	Cache	Forwarding Buffer			Control-flow Xdata Buffer	
	,		ор	dest	src1	src2
			vload	F1	F0	-
	Community	7 <u></u>	vadd	v2	v0	F1
L	Compute		Instruction Buffer			

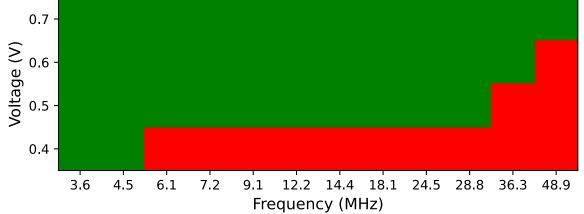


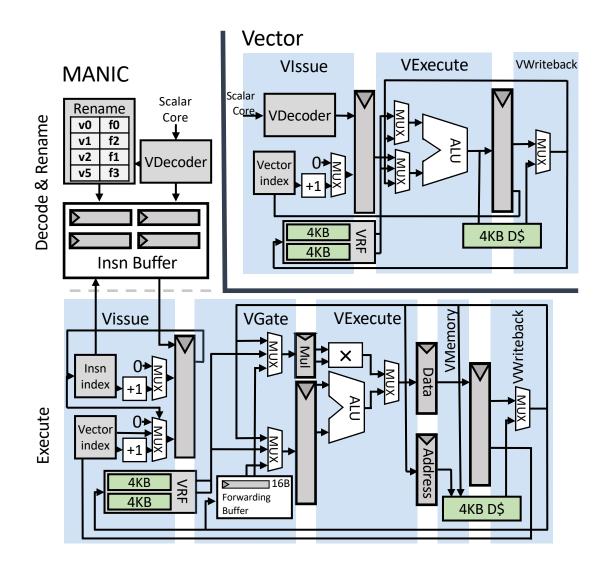


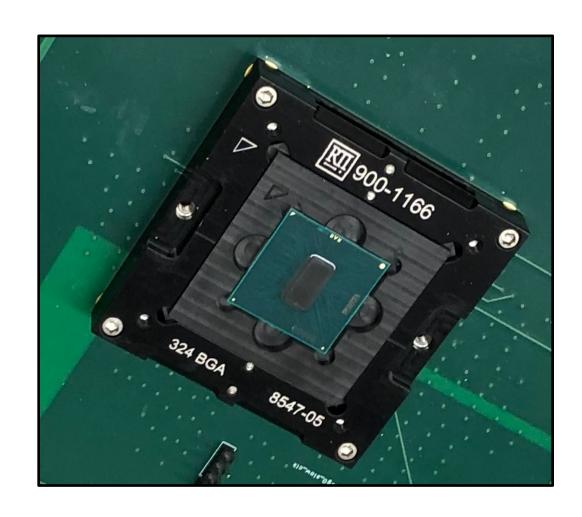


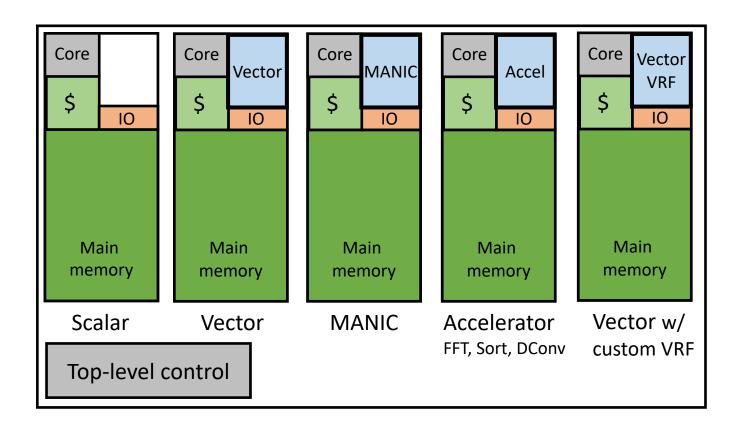


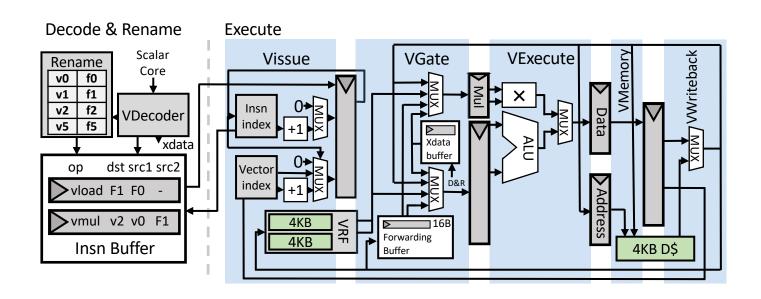


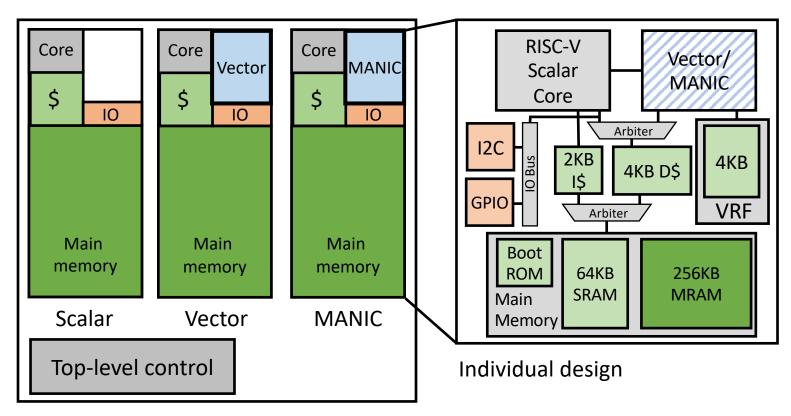












Test-chip