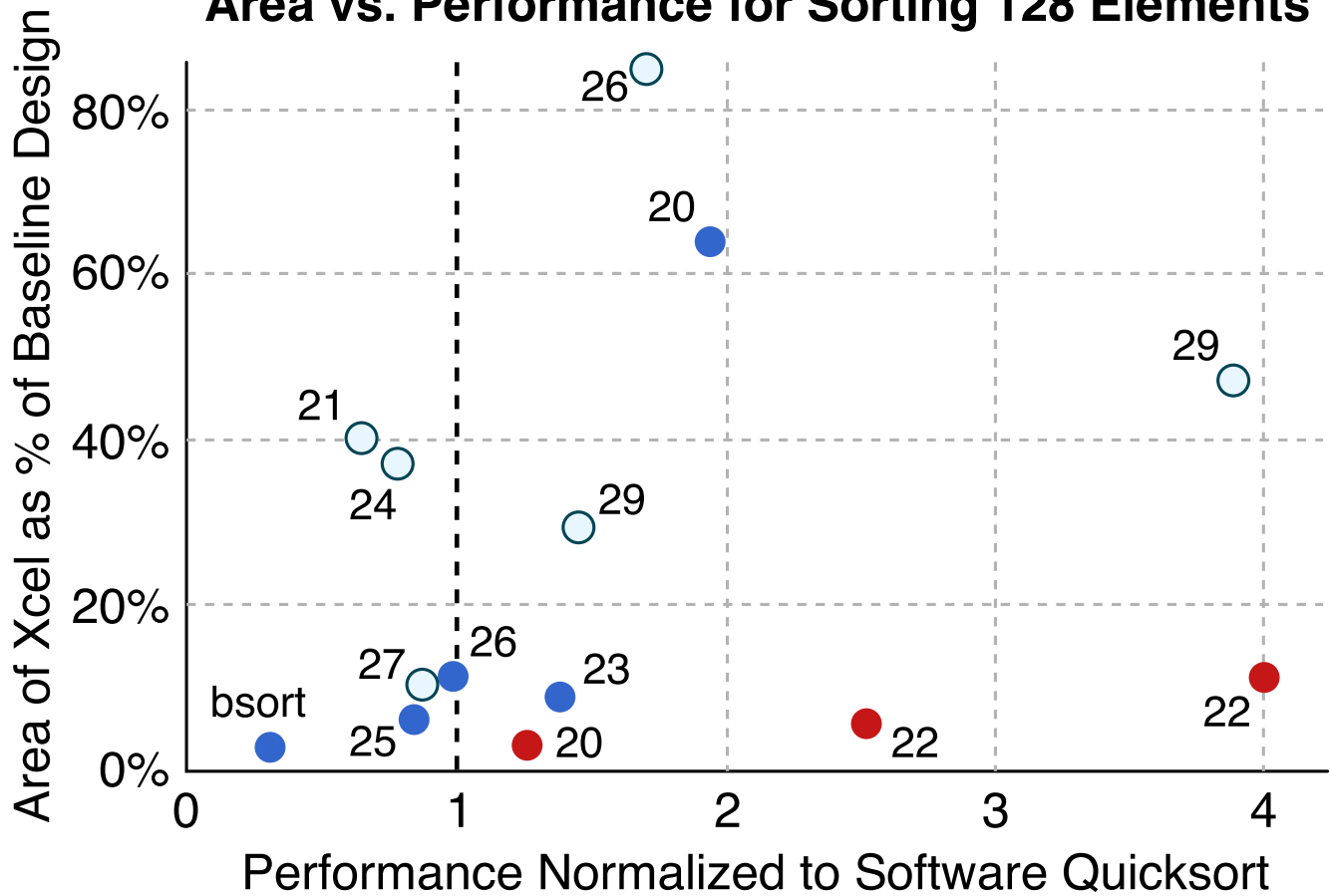


					Results for 128 Element Array						
Rand ID	pass on sz128?	area	cycle time	real cycle time	sz128a	sz128b	sz128c	avg sz100	Exec Time (ns)	Area Over head	Norm Perf
base				2.14	13095	12912	11917	12641	27052	964955	1.00
bsort	passed	27142	2.00	2.14	40867			40867	87455	0.03	0.31
20-v1	passed	26024	2.00	2.14	9936	9609	10443	9996	21391	0.03	1.26
20-v2	passed	617073	2.00	2.14	6416	6335	6767	6506	13923	0.64	1.94
21-v1	passed	382409	2.89	2.89	13610	13684	13684	13659	39475	0.40	0.69
22-v1	passed	56152	2.01	2.14	4995	4996	4996	4996	10691	0.06	2.53
22-v2	passed	108326	2.24	2.24	3026	3026	3026	3026	6778	0.11	3.99
23-v1	passed	85399	2.01	2.14	9011	9085	9062	9053	19373	0.09	1.40
24-v1	passed	360918	2.53	2.53	13532	13596	13564	13564	34317	0.37	0.79
25-v1	passed	58434	1.99	2.14	14948	14990	14982	14973	32043	0.06	0.84
26-v1	passed	818453	2.42	2.42	6503	6556	6546	6535	15815	0.85	1.71
26-v2	passed	111583	2.01	2.14	12763	12797	12796	12785	27361	0.12	0.99
27-v1	passed	98674	2.01	2.14	14341	14377	14373	14364	30738	0.10	0.88
29-v1	passed	283322	2.03	2.14	8644	8698	8686	8676	18567	0.29	1.46
29-v2	passed	452148	2.14	2.14	3256	3251	3252	3253	6961	0.47	3.89
					Results for 1000 Element Array						
					sz1Ka	sz1Kb	sz1Kc	avg sz1K	Exec Time (ns)	Area Over head	Norm Perf
base					180239	181358	187457	183018	391659	964955	1.00
bsort					4008293			4008293	8577747	0.03	0.05
20-v1					104842	106398	104707	105316	225376	0.03	1.74
20-v2					77082	67449	67002	70511	150894	0.64	2.60
21-v1					177757	177861	177687	177768	513750	0.40	0.76
22-v1					32455	32460	32458	32458	69459	0.06	5.64
22-v2					27947	27947	27950	27948	62604	0.11	6.26
23-v1					141719	141877	141766	141787	303425	0.09	1.29
24-v1					178007	176085	177367	177153	448197	0.37	0.87
25-v1					1755006	1704592	1678023	1712540	3664836	0.06	0.11
26-v1					119464	119410	119504	119459	289092	0.85	1.35
26-v2					167935	167937	167932	167935	359380	0.12	1.09
27-v1					179064	179206	179077	179116	383308	0.10	1.02
29-v1					132325	132344	132301	132323	283172	0.29	1.38
29-v2					38945	36861	36861	37556	80369	0.47	4.87

Area vs. Performance for Sorting 128 Elements



Area vs. Performance for Sorting 1K Elements

