Multiplier-32

March 25, 2012

1 Design Map

Tables are tables

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	0	1	2	3	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	0.8	0.8	0.8	0.8	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Array	OS1	OS1	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	4	5	6	7	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	0.8	0.8	0.8	0.8	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	8	9	10	11	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	0.8	0.8	0.8	0.8	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	2	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Array	OS1	Wallace	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	Sklansky	DesignWare	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	0	1
TOP.DesignIndex	12	13	14	15
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	ZM	ZM	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	1	1	1	0
TOP.DesignIndex	16	17	18	19
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	3	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	OS1	OS1	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	1	0	0
TOP.DesignIndex	20	21	22	23
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	4	4
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	ZM	Array	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	1	1	1
TOP.DesignIndex	24	25	26	27
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	ON
TOP.top_Multiplier.Multiplier.MultP.BoothType	4	NA	NA	NA
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	ON	ON	NA
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	NA	NA	NA
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	NA
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	28	29	30	31
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Array	OS1	OS1
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	32	33	34	35
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	Wallace	ZM	ZM
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	36	37	38	39
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	2
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Array	OS1	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	1	0	0
TOP.DesignIndex	40	41	42	43
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	ZM	ZM	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	1	0
TOP.DesignIndex	44	45	46	47
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	3	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	OS1	OS1	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	1	0	0
TOP.DesignIndex	48	49	50	51
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	4	4
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	ZM	Array	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	1	1	1	
TOP.DesignIndex	52	53	54	55	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	ON	
TOP.top_Multiplier.Multiplier.MultP.BoothType	4	NA	NA	NA	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	ON	ON	NA	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	NA	NA	NA	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	NA	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	56	57	58	59	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Array	OS1	OS1	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	60	61	62	63	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	0	1	
TOP.DesignIndex	64	65	66	67	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	2	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Array	OS1	Wallace	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	Sklansky	DesignWare	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	1	1	0	0	
TOP.DesignIndex	68	69	70	71	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	3	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	ZM	ZM	Array	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	1	1	0
TOP.DesignIndex	72	73	74	75
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	3	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	OS1	OS1	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	1	0	0
TOP.DesignIndex	76	77	78	79
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	4	4
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	ZM	Array	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	1	1	1
TOP.DesignIndex	80	81	82	83
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	ON
TOP.top_Multiplier.Multiplier.MultP.BoothType	4	NA	NA	NA
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	ON	ON	NA
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	NA	NA	NA
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	NA
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	84	85	86	87
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Array	OS1	OS1
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	88	89	90	91
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	2
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	Wallace	ZM	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	92	93	94	95
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	2
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	OS1	OS1	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	96	97	98	99
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	3	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	ZM	Array	OS1
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	1	0	1	0
TOP.DesignIndex	100	101	102	103
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	3	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	OS1	Wallace	Wallace	ZM
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	1	0	0	0
TOP.DesignIndex	104	105	106	107
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	4	4	4
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	Array	Array	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	1	1	1
TOP.DesignIndex	108	109	110	111
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	ON
TOP.top_Multiplier.Multiplier.MultP.BoothType	4	NA	NA	NA
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	ON	ON	NA
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	NA	NA	NA
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	NA
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	112	113	114	115
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Array	OS1	OS1
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	116	117	118	119
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	2
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	Wallace	ZM	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	120	121	122	123
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	2
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	OS1	OS1	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	124	125	126	127
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	3	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	ZM	Array	OS1
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	1	0
TOP.DesignIndex	128	129	130	131
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	3	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	OS1	Wallace	Wallace	ZM
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	132	133	134	135
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	4	4	4
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	Array	Array	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	1	1	1
TOP.DesignIndex	136	137	138	139
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	ON
TOP.top_Multiplier.Multiplier.MultP.BoothType	4	NA	NA	NA
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	ON	ON	NA
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	NA	NA	NA
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	NA
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	140	141	142	143
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Array	OS1	OS1
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	144	145	146	147
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	2
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	Wallace	ZM	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	1
TOP.DesignIndex	148	149	150	151
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	2
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	OS1	OS1	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	1	1	0	1	
TOP.DesignIndex	152	153	154	155	
TOP.VT	lvt	lvt	lvt	lvt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	3	3	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	ZM	Array	OS1	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	DesignWare	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	1	1	0	
TOP.DesignIndex	156	157	158	159	
TOP.VT	lvt	lvt	lvt	lvt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	3	3	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	OS1	Wallace	Wallace	ZM	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	160	161	162	163	
TOP.VT	lvt	lvt	lvt	lvt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	4	4	4	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	Array	Array	Wallace	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	1	1	1	
TOP.DesignIndex	164	165	166	167	
TOP.VT	lvt	lvt	lvt	lvt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	ON	
TOP.top_Multiplier.Multiplier.MultP.BoothType	4	NA	NA	NA	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	ON	ON	NA	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	NA	NA	NA	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	NA	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	168	169	170	171	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.8	0.8	0.8	0.8	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	OS1	Wallace	Wallace	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	DesignWare	DesignWare	Sklansky	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	0	1
TOP.DesignIndex	172	173	174	175
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	2	2	2
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	Array	Array	OS1
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	176	177	178	179
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	2
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	OS1	Wallace	Wallace	ZM
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	1	0
TOP.DesignIndex	180	181	182	183
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	3	3	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	Array	Array	OS1
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	1	0	1	0
TOP.DesignIndex	184	185	186	187
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	3	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	OS1	Wallace	Wallace	ZM
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	1	0	0	0
TOP.DesignIndex	188	189	190	191
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	4	4	4
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	ZM	Array	Wallace	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	1	1	1	0	
TOP.DesignIndex	192	193	194	195	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.8	0.8	0.8	0.9	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	ON	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	NA	NA	NA	1	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	ON	ON	NA	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	NA	NA	NA	Array	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	NA	DesignWare	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	196	197	198	199	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	1	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	OS1	Wallace	Wallace	ZM	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	DesignWare	Sklansky	Sklansky	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	1	0	
TOP.DesignIndex	200	201	202	203	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	2	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Array	OS1	OS1	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	204	205	206	207	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	2	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	0	0	1	
TOP.DesignIndex	208	209	210	211	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	3	3	
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Array	OS1	OS1	
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO	
TOP.top_Multiplier.Multiplier.Width	32	32	32	32	

INFO_Pareto	0	1	0	1
TOP.DesignIndex	212	213	214	215
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	3	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	Wallace	ZM	ZM
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	1
TOP.DesignIndex	216	217	218	219
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	4	4	4	NA
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	ON
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	Wallace	Wallace	NA
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	1	1	0	0
TOP.DesignIndex	220	221	222	223
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.9	0.9	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	ON	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	NA	NA	1	1
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	ON	NA	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	NA	NA	Array	OS1
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	NA	DesignWare	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	0	0	0
TOP.DesignIndex	224	225	226	227
TOP.VT	svt	svt	svt	svt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	1	1	1	2
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	Wallace	ZM	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	0	1	0	1
TOP.DesignIndex	228	229	230	231
TOP.VT	svt	svt	svt	svt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	2
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	OS1	OS1	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

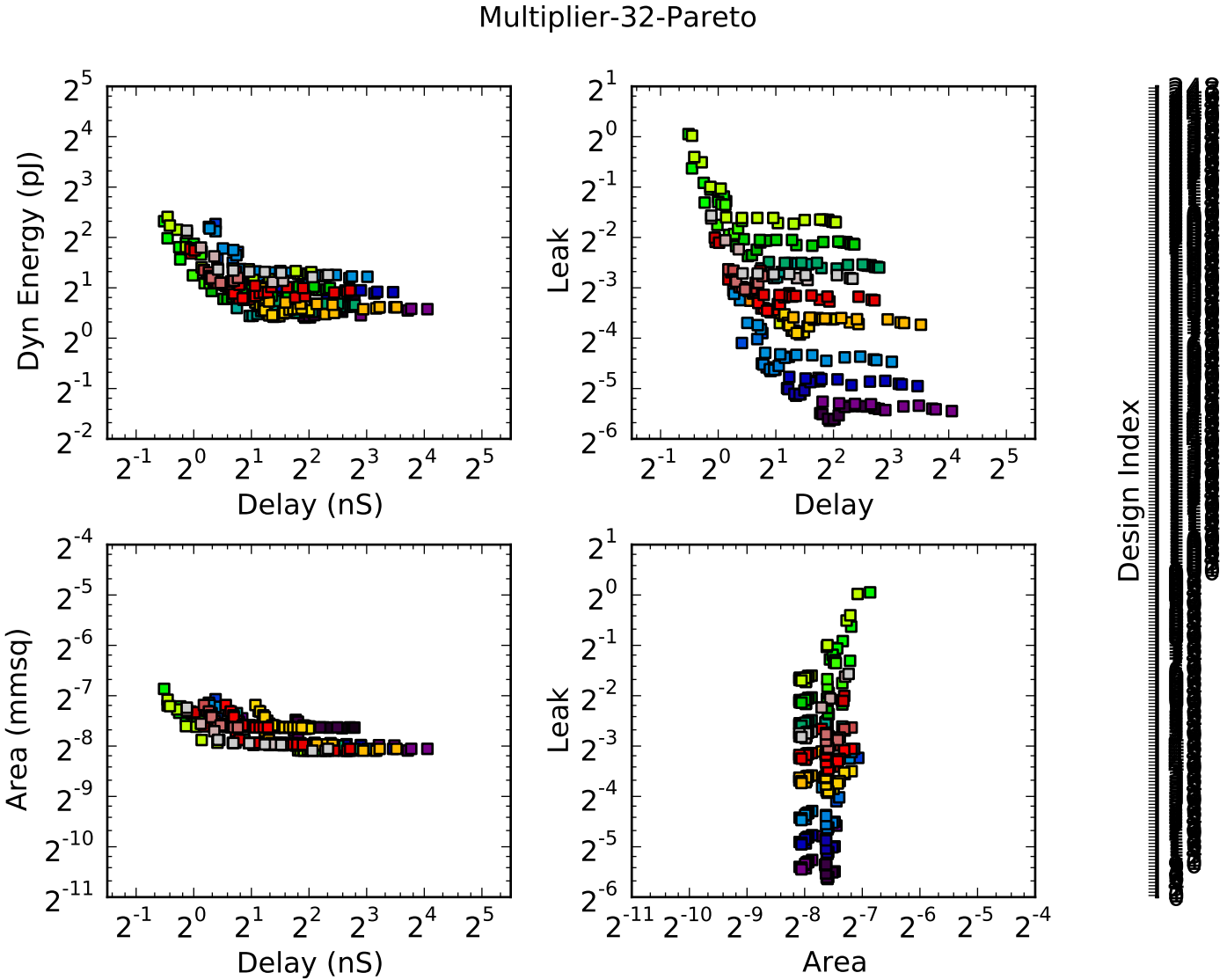
INFO_Pareto	0	1	0	0
TOP.DesignIndex	232	233	234	235
TOP.VT	svt	svt	svt	svt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	2	2	2	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	ZM	ZM	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

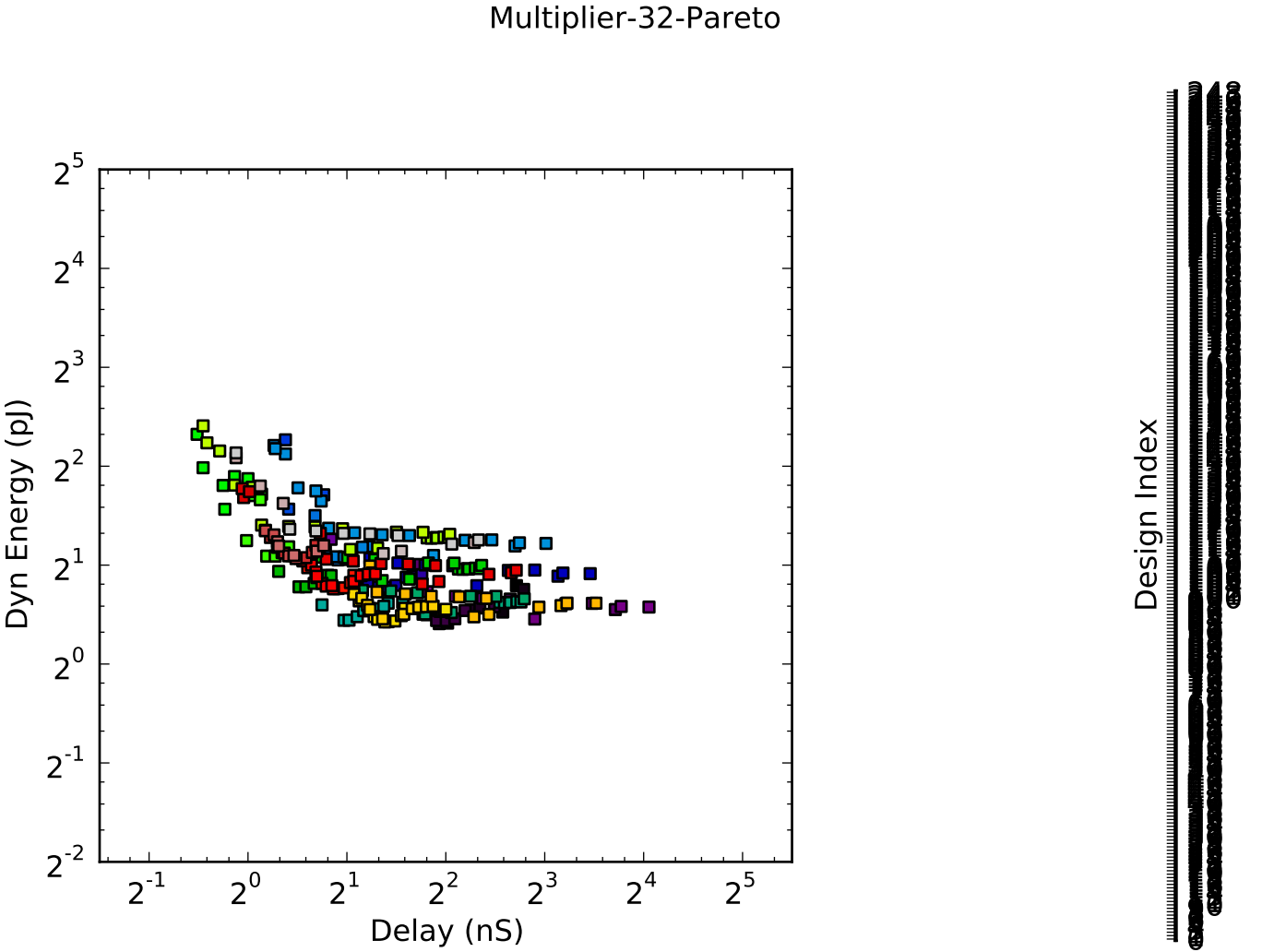
INFO_Pareto	0	0	1	0
TOP.DesignIndex	236	237	238	239
TOP.VT	svt	svt	svt	svt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	3	3
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Array	OS1	OS1	Wallace
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

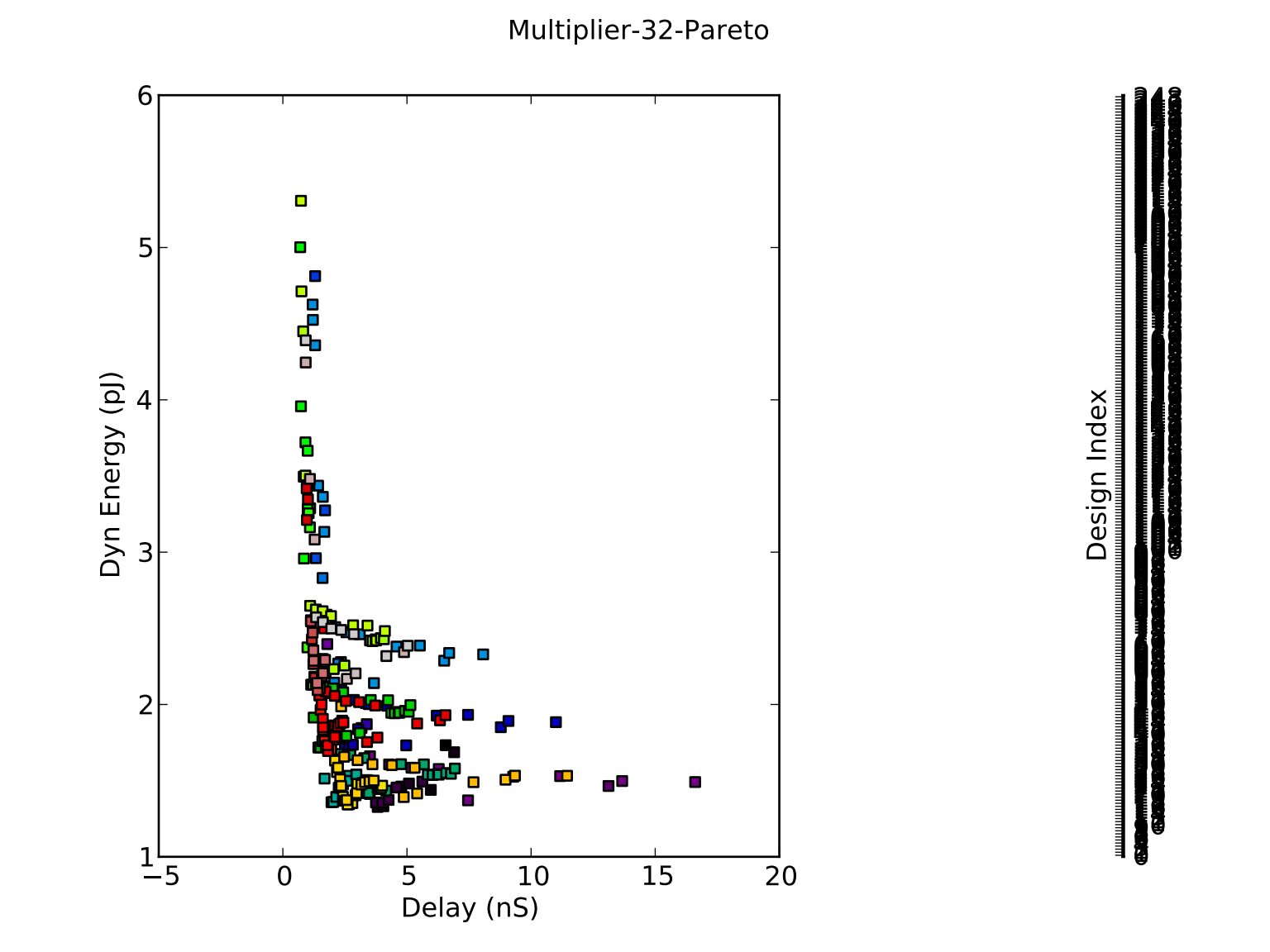
INFO_Pareto	1	0	1	0
TOP.DesignIndex	240	241	242	243
TOP.VT	svt	svt	svt	svt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	3	3	3	4
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	ZM	ZM	Array
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

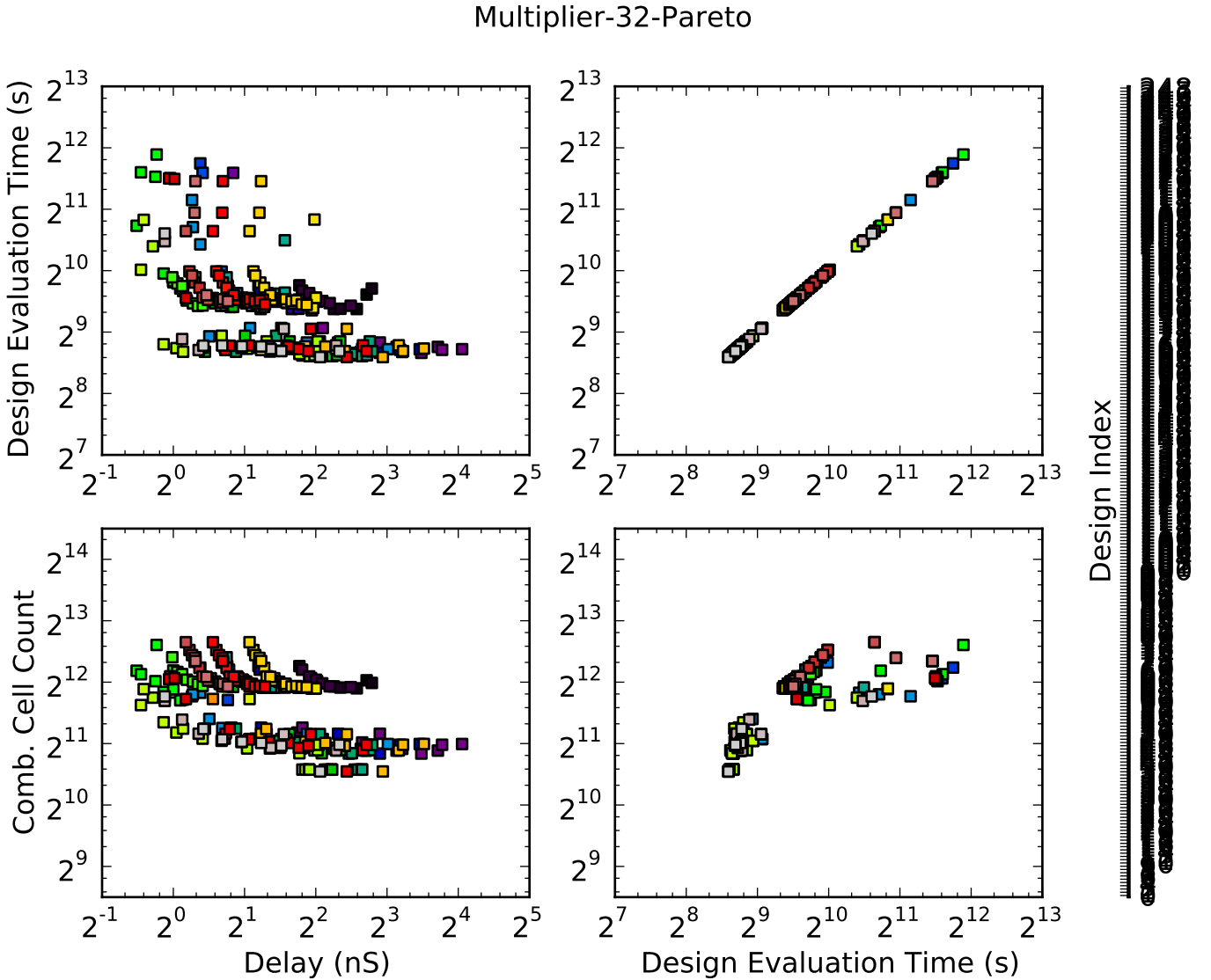
INFO_Pareto	0	0	1	1
TOP.DesignIndex	244	245	246	247
TOP.VT	svt	svt	svt	svt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_Multiplier.Multiplier.MultP.BoothType	4	4	NA	NA
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	OFF	OFF	ON	ON
TOP.top_Multiplier.Multiplier.MultP.TreeType	Wallace	Wallace	NA	NA
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.top_Multiplier.Multiplier.UseInc	NO	NO	NO	NO
TOP.top_Multiplier.Multiplier.Width	32	32	32	32

INFO_Pareto	1
TOP.DesignIndex	248
TOP.VT	svt
TOP.Voltage	1.0
TOP.top_Multiplier.Multiplier.Designware_MODE	ON
TOP.top_Multiplier.Multiplier.MultP.BoothType	NA
TOP.top_Multiplier.Multiplier.MultP.Designware_MODE	NA
TOP.top_Multiplier.Multiplier.MultP.TreeType	NA
TOP.top_Multiplier.Multiplier.PartialProductSum.AdderType	NA
TOP.top_Multiplier.Multiplier.UseInc	NO
TOP.top_Multiplier.Multiplier.Width	32


Multiplier-32-Pareto
Dyn Energy (pJ)
Delay (nS)
Leak
Delay
Area (mmsq)
Delay (nS)
Leak
Area
Design Index


Multiplier-32-Pareto
Dyn Energy (pJ)
Delay (nS)
Design Index


Multiplier-32-Pareto
Dyn Energy (pJ)
Delay (nS)
Design Index
6
5
4
3
2
1
−5
0
5
10
15
20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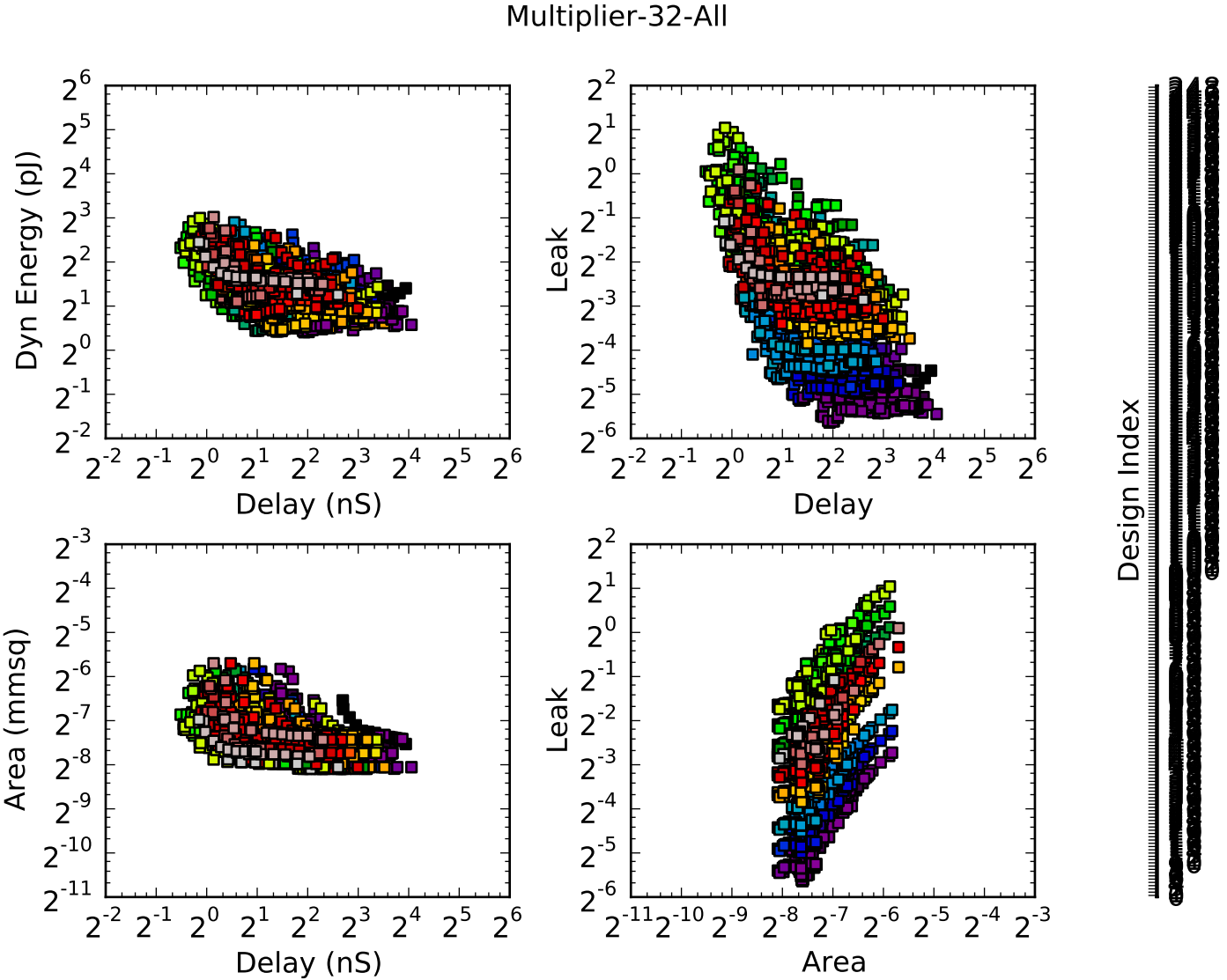
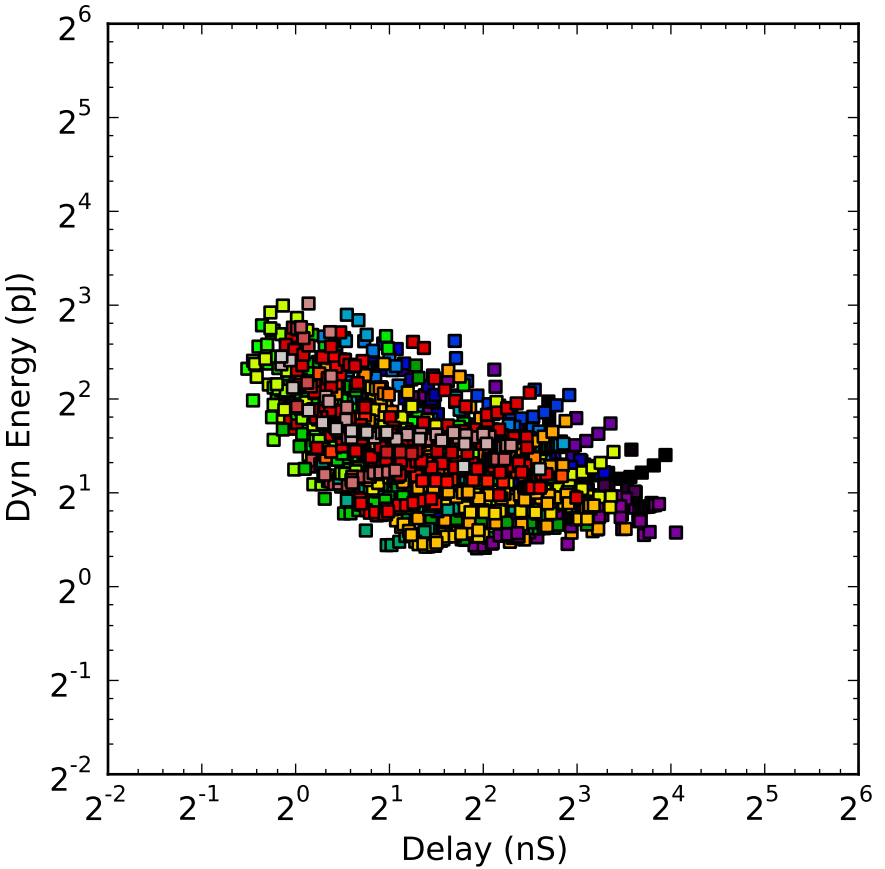
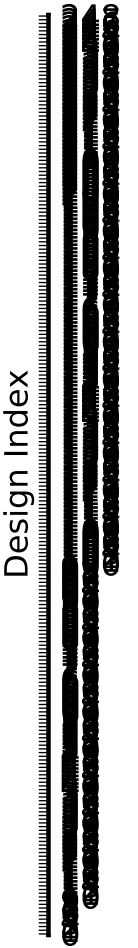
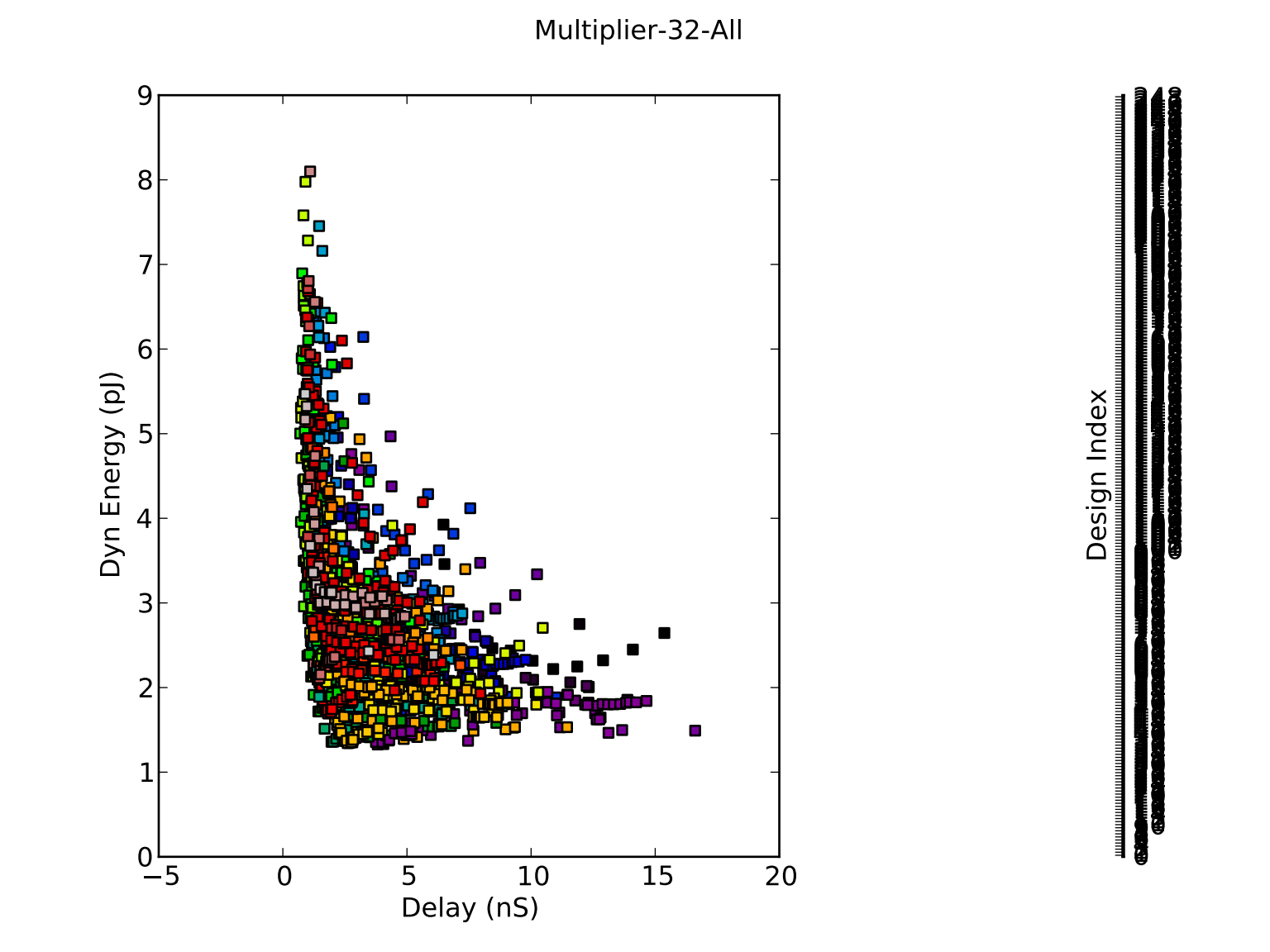
Design Evaluation Time (s)
Comb. Cell Count
Delay (nS)
Design Evaluation Time (s)
Design Index

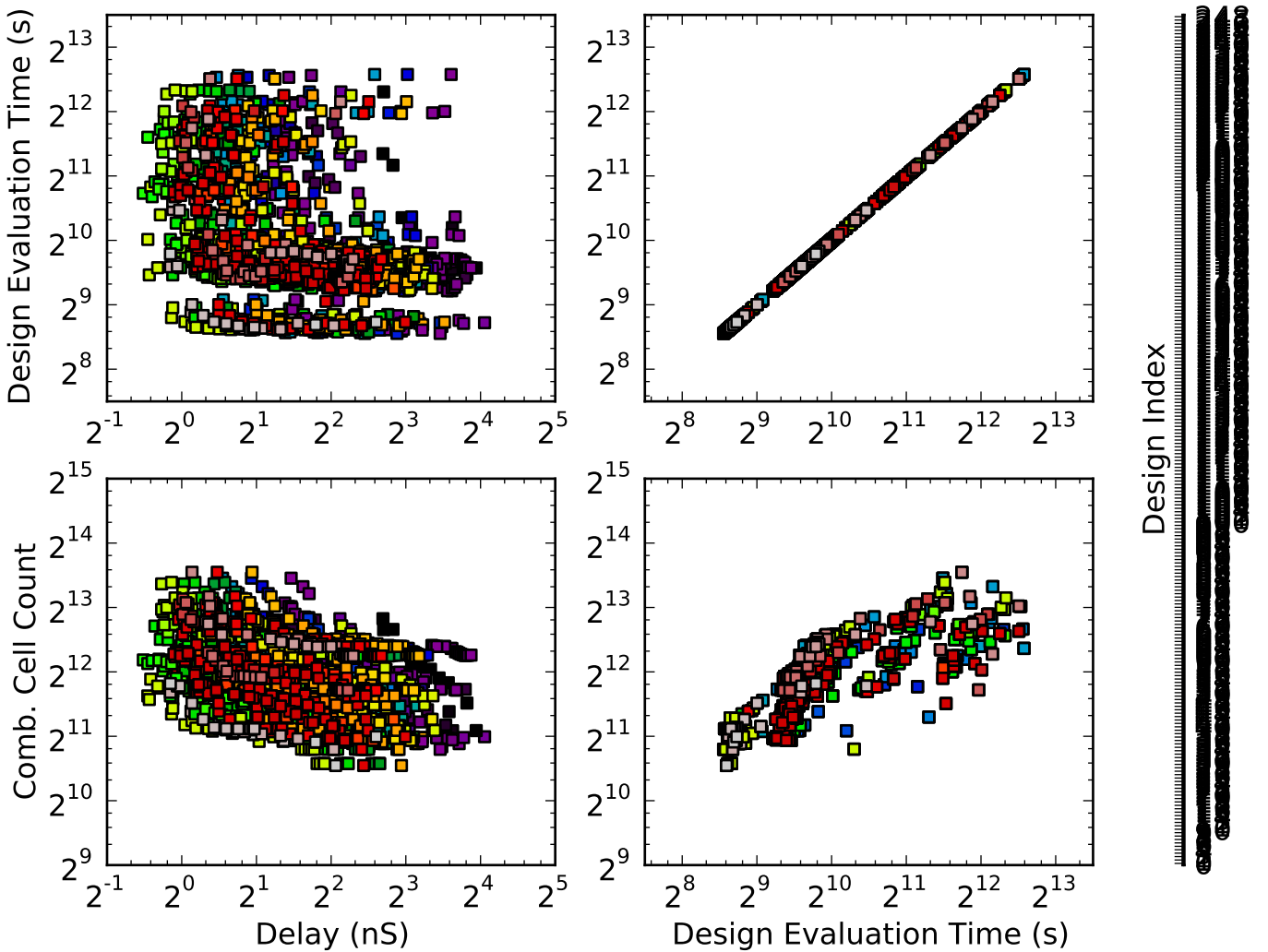

Multiplier-32-All
Dyn Energy (pJ)
Delay (nS)
Leak
Delay
Area (mmsq)
Delay (nS)
Leak
Area
Design Index

Multiplier-32-All






Multiplier-32-All
Dyn Energy (pJ)
Delay (nS)
Design Index
0
1
2
3
4
5
6
7
8
9
−5
0
5
10
15
20


Multiplier-32-All
Design Evaluation Time (s)
Comb. Cell Count
Delay (nS)
Design Evaluation Time (s)
Design Index