FPMult-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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	OS1	OS1	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	1	1	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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Array	OS1	OS1	Wallace	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	DesignWare	Sklansky	DesignWare	

INFO_Pareto	1	1	1	0
TOP.DesignIndex	12	13	14	15
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	3
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	ZM	ZM	Array
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	0	0	0	1
TOP.DesignIndex	16	17	18	19
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Array	OS1	OS1	Wallace
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	1	1	1	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.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	4
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	ZM	ZM	Array
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	0	0	0	0
TOP.DesignIndex	24	25	26	27
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	4	4	4	NA
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	ON
TOP.top.FPMult.Mult.MultP.TreeType	Array	Wallace	Wallace	NA
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	1	0	0	0
TOP.DesignIndex	28	29	30	31
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.8	0.9	0.9	0.9
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	NA	1	1	1
TOP.top.FPMult.Mult.MultP.Designware_MODE	ON	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	NA	Array	Array	OS1
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	OS1	Wallace	Wallace	ZM	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare	

INFO_Pareto	0	0	1	1	
TOP.DesignIndex	36	37	38	39	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	2	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	ZM	Array	OS1	OS1	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	DesignWare	Sklansky	

INFO_Pareto	0	1	1	1	
TOP.DesignIndex	40	41	42	43	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	0	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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	OS1	OS1	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	1	1	1	
TOP.DesignIndex	48	49	50	51	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	52	53	54	55	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	4	4	4	4	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	Wallace	Wallace	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	1	0	0	
TOP.DesignIndex	56	57	58	59	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	0.9	0.9	1.0	1.0	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	NA	NA	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	ON	ON	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	NA	NA	Array	Array	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	OS1	OS1	Wallace	Wallace	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	ZM	ZM	Array	OS1	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	DesignWare	

INFO_Pareto	1	0	1	1	
TOP.DesignIndex	68	69	70	71	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	OS1	Wallace	Wallace	ZM	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare	

INFO_Pareto	1	0	0	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.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	2	3	3	3
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	ZM	Array	Array	OS1
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	0	0	1	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.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	OS1	Wallace	Wallace	ZM
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	1	0	0	0
TOP.DesignIndex	80	81	82	83
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	3	4	4	4
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	ZM	Array	Array	Wallace
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	0	1	1	0
TOP.DesignIndex	84	85	86	87
TOP.VT	hvt	hvt	hvt	lvt
TOP.Voltage	1.0	1.0	1.0	0.8
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	4	NA	NA	1
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	ON	ON	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	NA	NA	Array
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

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.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Array	OS1	OS1	Wallace
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	1	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.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	2
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	ZM	ZM	Array
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	0	0	1	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.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Array	OS1	OS1	Wallace
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

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.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	3
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	ZM	ZM	Array
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	0	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.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Array	OS1	Wallace	Wallace
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	DesignWare	Sklansky

INFO_Pareto	0	1	0	0
TOP.DesignIndex	108	109	110	111
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	3	3	4	4
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	ZM	ZM	Array	Array
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky

INFO_Pareto	0	0	1	1	
TOP.DesignIndex	112	113	114	115	
TOP.VT	lvt	lvt	lvt	lvt	
TOP.Voltage	0.8	0.8	0.8	0.8	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	4	4	NA	NA	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	ON	ON	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	NA	NA	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	OS1	OS1	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	1	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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	0	1	
TOP.DesignIndex	124	125	126	127	
TOP.VT	lvt	lvt	lvt	lvt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	OS1	OS1	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	1	1	1	1	
TOP.DesignIndex	128	129	130	131	
TOP.VT	lvt	lvt	lvt	lvt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	1	1
TOP.DesignIndex	132	133	134	135
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	OS1	Wallace
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	DesignWare

INFO_Pareto	0	0	1	0
TOP.DesignIndex	136	137	138	139
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	4
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	ZM	ZM	Array
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	0	0	0	1
TOP.DesignIndex	140	141	142	143
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	4	4	4	NA
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	ON
TOP.top.FPMult.Mult.MultP.TreeType	Array	Wallace	Wallace	NA
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	1	0	0	0
TOP.DesignIndex	144	145	146	147
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	0.9	1.0	1.0	1.0
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	NA	1	1	1
TOP.top.FPMult.Mult.MultP.Designware_MODE	ON	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	NA	Array	Array	OS1
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	0	0	1	0
TOP.DesignIndex	148	149	150	151
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	OS1	Wallace	Wallace	ZM
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	0	0	0	0
TOP.DesignIndex	152	153	154	155
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	1	2	2	2
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	ZM	Array	Array	OS1
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	1	1	1	1
TOP.DesignIndex	156	157	158	159
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	OS1	Wallace	Wallace	ZM
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	1	0	0	1
TOP.DesignIndex	160	161	162	163
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	2	3	3	3
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	ZM	Array	Array	OS1
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare

INFO_Pareto	1	0	0	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.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky

INFO_Pareto	0	0	0	0
TOP.DesignIndex	168	169	170	171
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	4	4	4	4
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	Wallace	Wallace
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky

INFO_Pareto	1	1	0	0	
TOP.DesignIndex	172	173	174	175	
TOP.VT	lvt	lvt	svt	svt	
TOP.Voltage	1.0	1.0	0.8	0.8	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	NA	NA	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	ON	ON	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	NA	NA	Array	Array	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	OS1	OS1	Wallace	Wallace	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	0	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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	ZM	ZM	Array	Array	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	OS1	OS1	Wallace	Wallace	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	2	2	3	3	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	ZM	ZM	Array	Array	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	1	0	0	
TOP.DesignIndex	192	193	194	195	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.8	0.8	0.8	0.8	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	OS1	OS1	Wallace	Wallace	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	1	0	0	
TOP.DesignIndex	196	197	198	199	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.8	0.8	0.8	0.8	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	3	3	4	4	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	ZM	ZM	Array	Array	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	1	1	
TOP.DesignIndex	200	201	202	203	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.8	0.8	0.8	0.8	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	4	4	NA	NA	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	ON	ON	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	NA	NA	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	OS1	OS1	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	208	209	210	211	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	212	213	214	215	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	OS1	OS1	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	1	0	1	0	
TOP.DesignIndex	216	217	218	219	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	0	1	
TOP.DesignIndex	220	221	222	223	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	OS1	OS1	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	1	1	
TOP.DesignIndex	224	225	226	227	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	0	0	
TOP.DesignIndex	228	229	230	231	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	4	4	4	4	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	Wallace	Wallace	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	1	1	0	0	
TOP.DesignIndex	232	233	234	235	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	0.9	0.9	1.0	1.0	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	NA	NA	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	ON	ON	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	NA	NA	Array	Array	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	0	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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	OS1	OS1	Wallace	Wallace	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	0	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.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	ZM	ZM	Array	Array	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

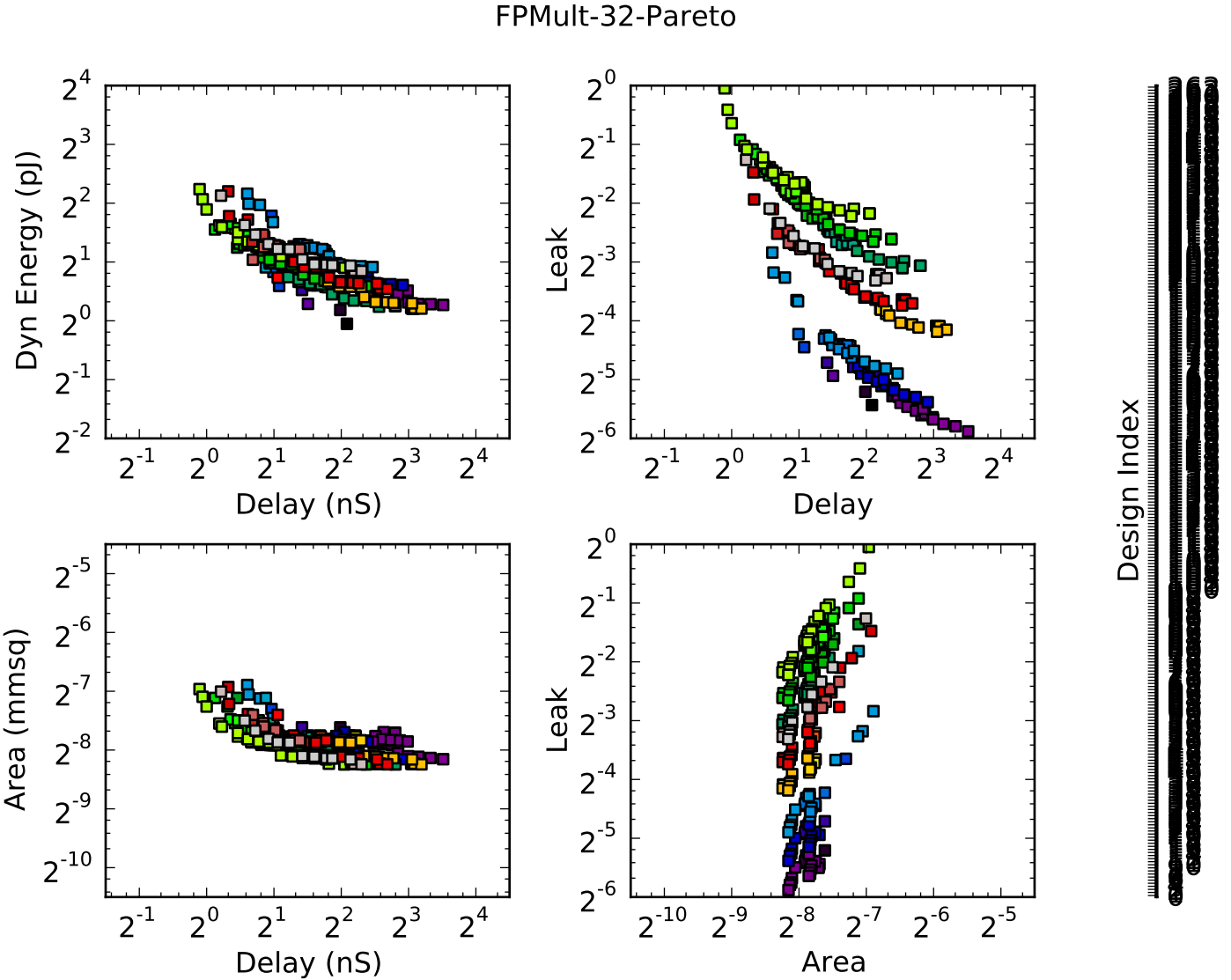
INFO_Pareto	1	0	1	0	
TOP.DesignIndex	244	245	246	247	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	OS1	OS1	Wallace	Wallace	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

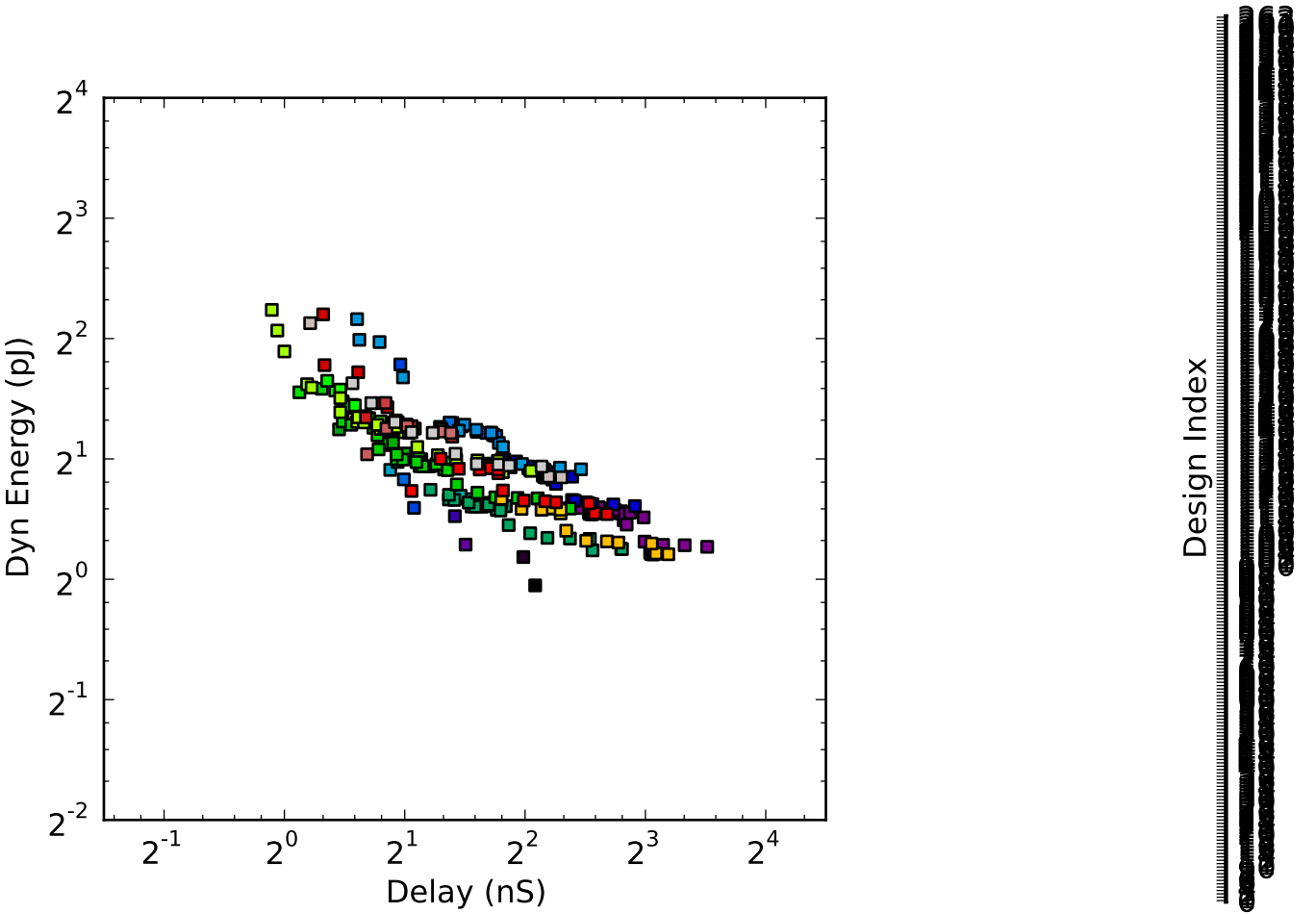
INFO_Pareto	1	1	0	0	
TOP.DesignIndex	248	249	250	251	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	2	2	3	3	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	ZM	ZM	Array	Array	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

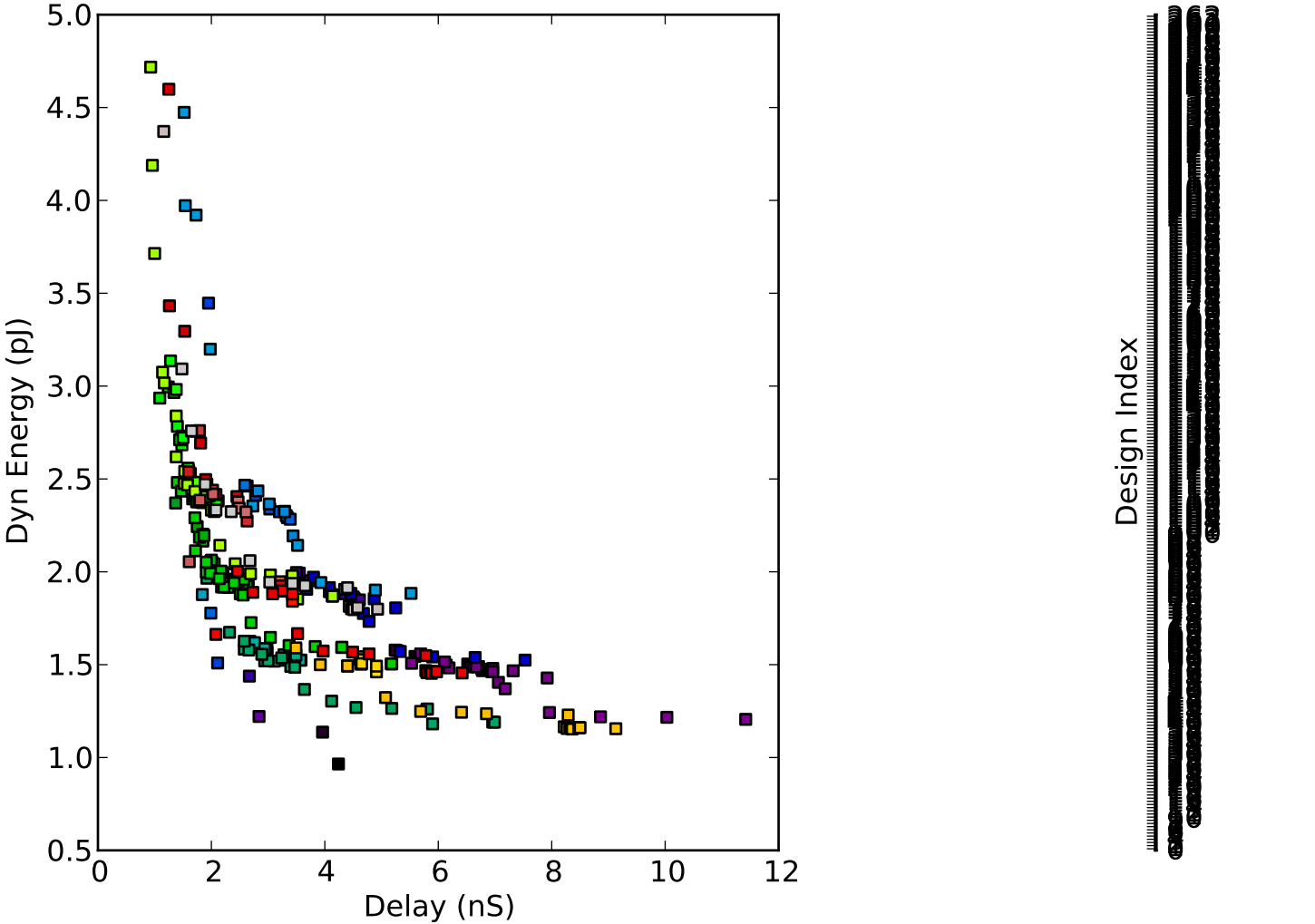
INFO_Pareto	1	1	1	0	
TOP.DesignIndex	252	253	254	255	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	OS1	OS1	Wallace	Wallace	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	1	1	0	0	
TOP.DesignIndex	256	257	258	259	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	3	3	4	4	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	ZM	ZM	Array	Array	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	

INFO_Pareto	0	0	1	1	
TOP.DesignIndex	260	261	262	263	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	4	4	NA	NA	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	ON	ON	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	NA	NA	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	


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


FPMult-32-Pareto
Dyn Energy (pJ)
Delay (nS)
Design Index
2^{4}
2^{3}
2^{2}
2^{1}
2^{0}
2^{-1}
2^{-2}


FPMult-32-Pareto
Dyn Energy (pJ)
Delay (nS)
Design Index
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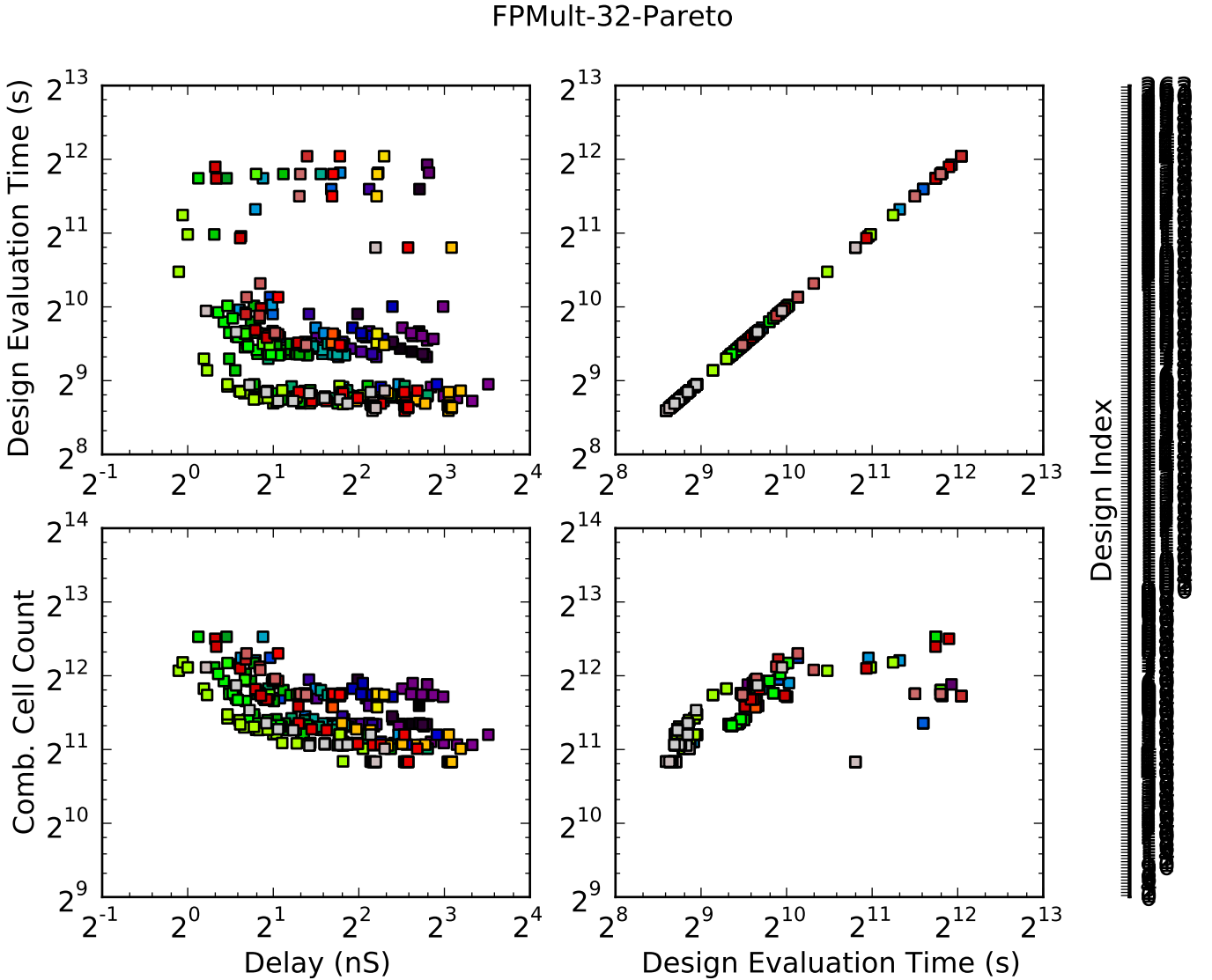
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0
2
4
6
8
10
12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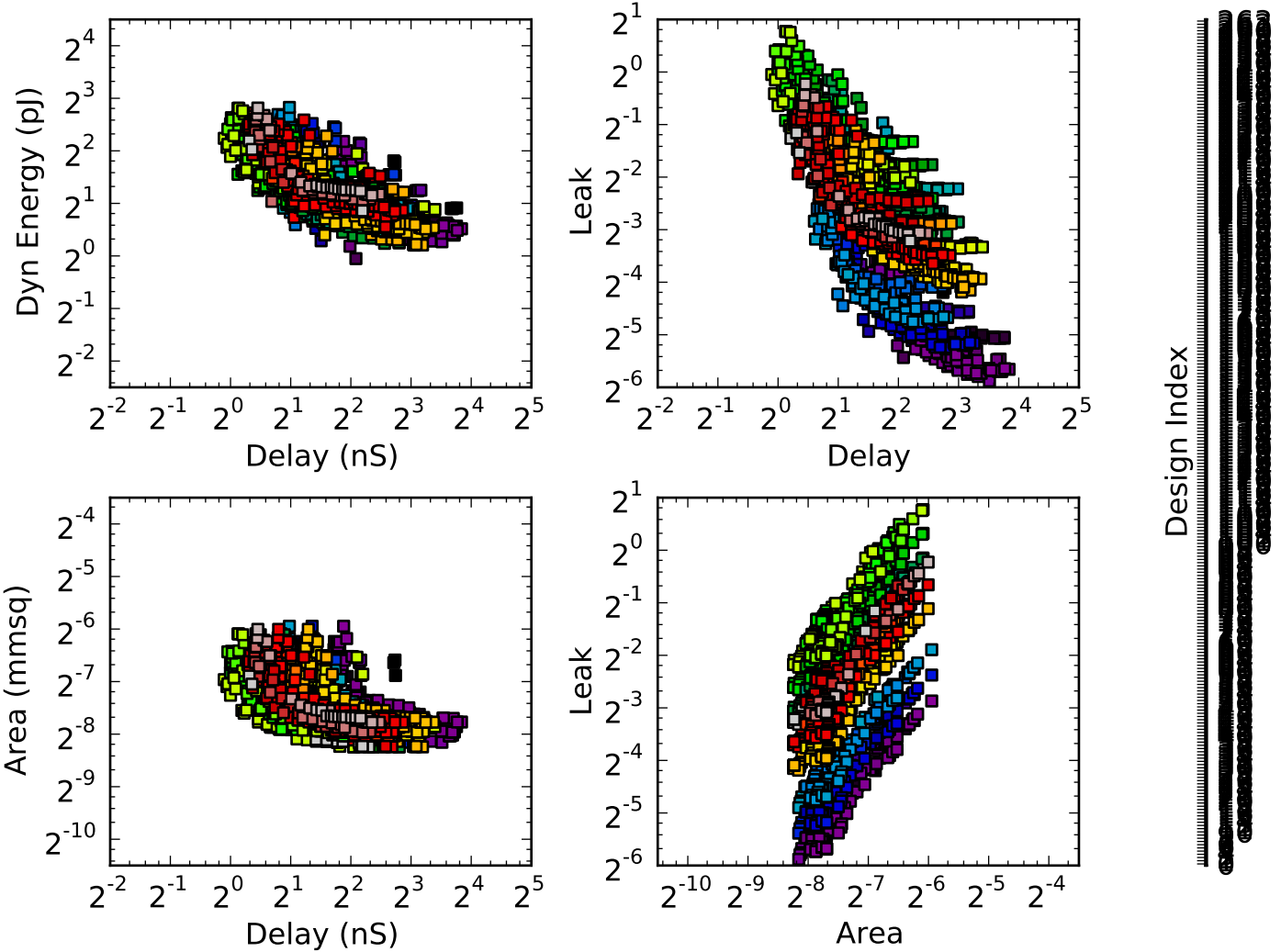
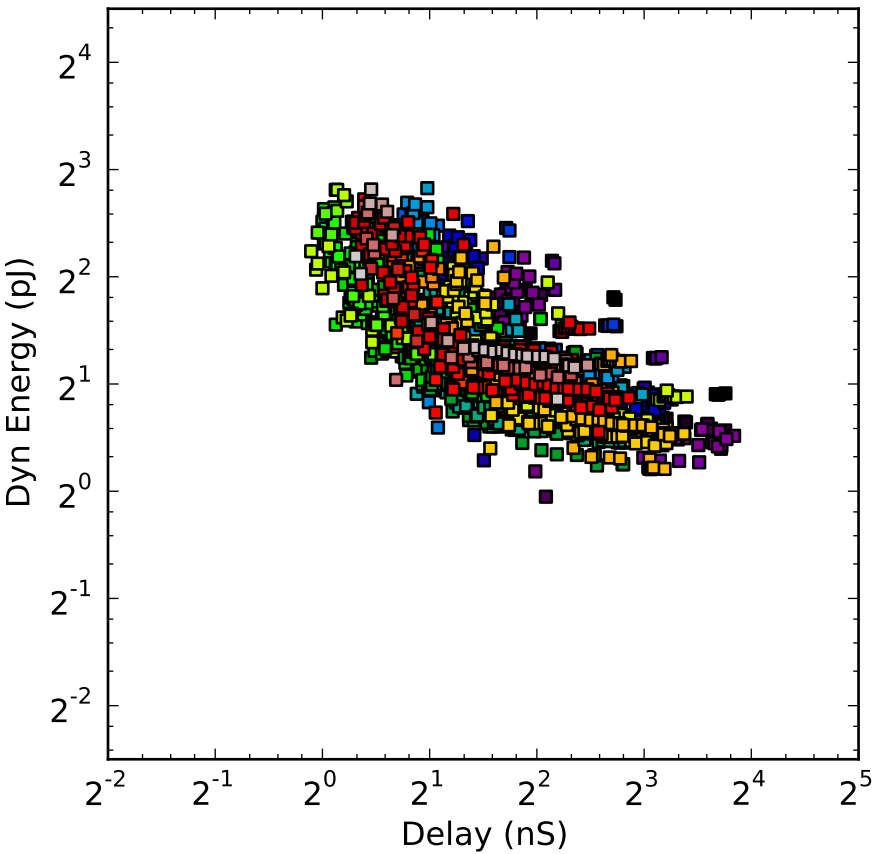
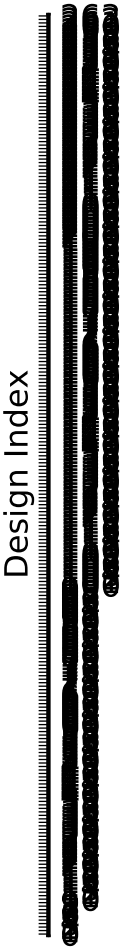
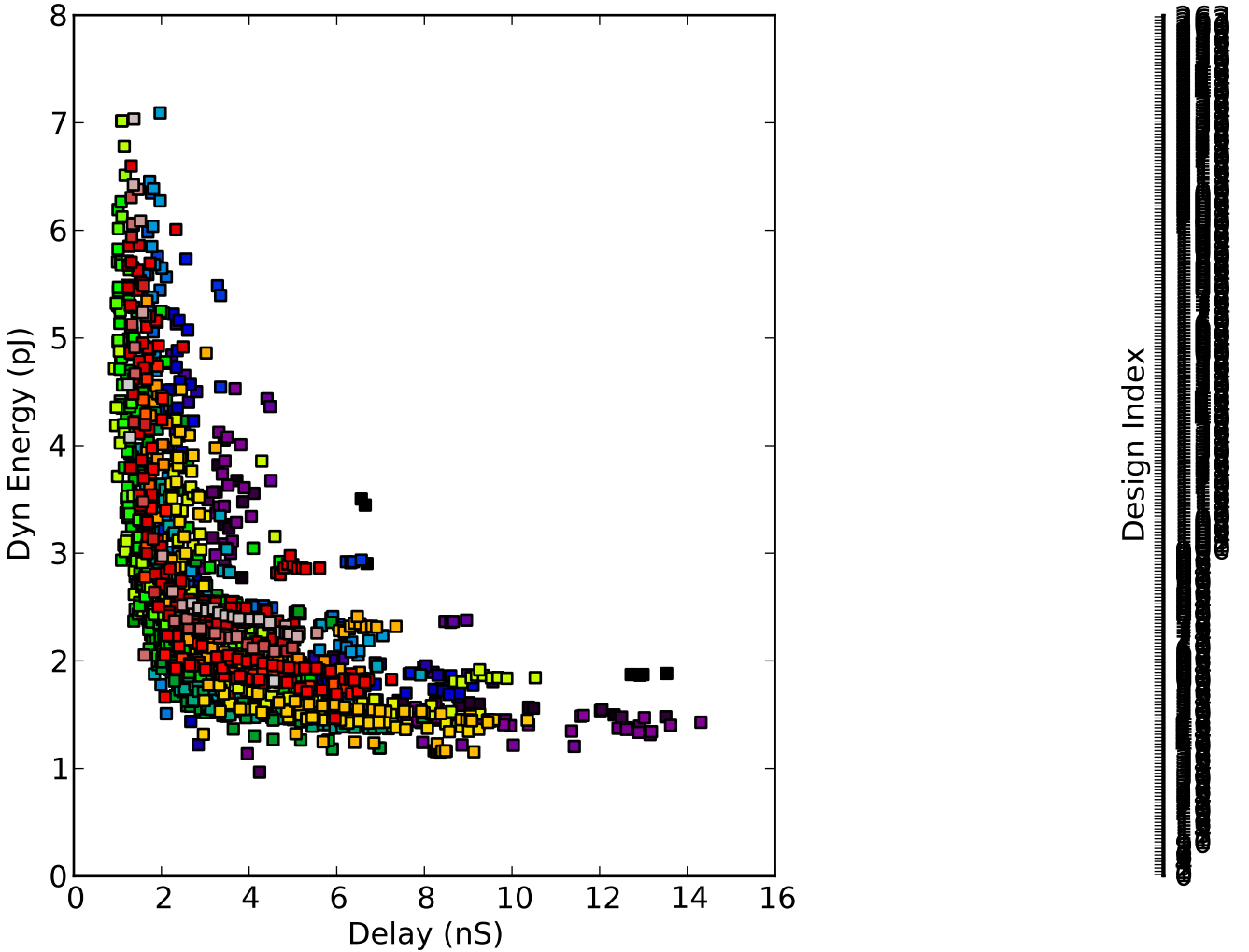
Design Evaluation Time (s)
Comb. Cell Count
Delay (nS)
Design Evaluation Time (s)
Design Index

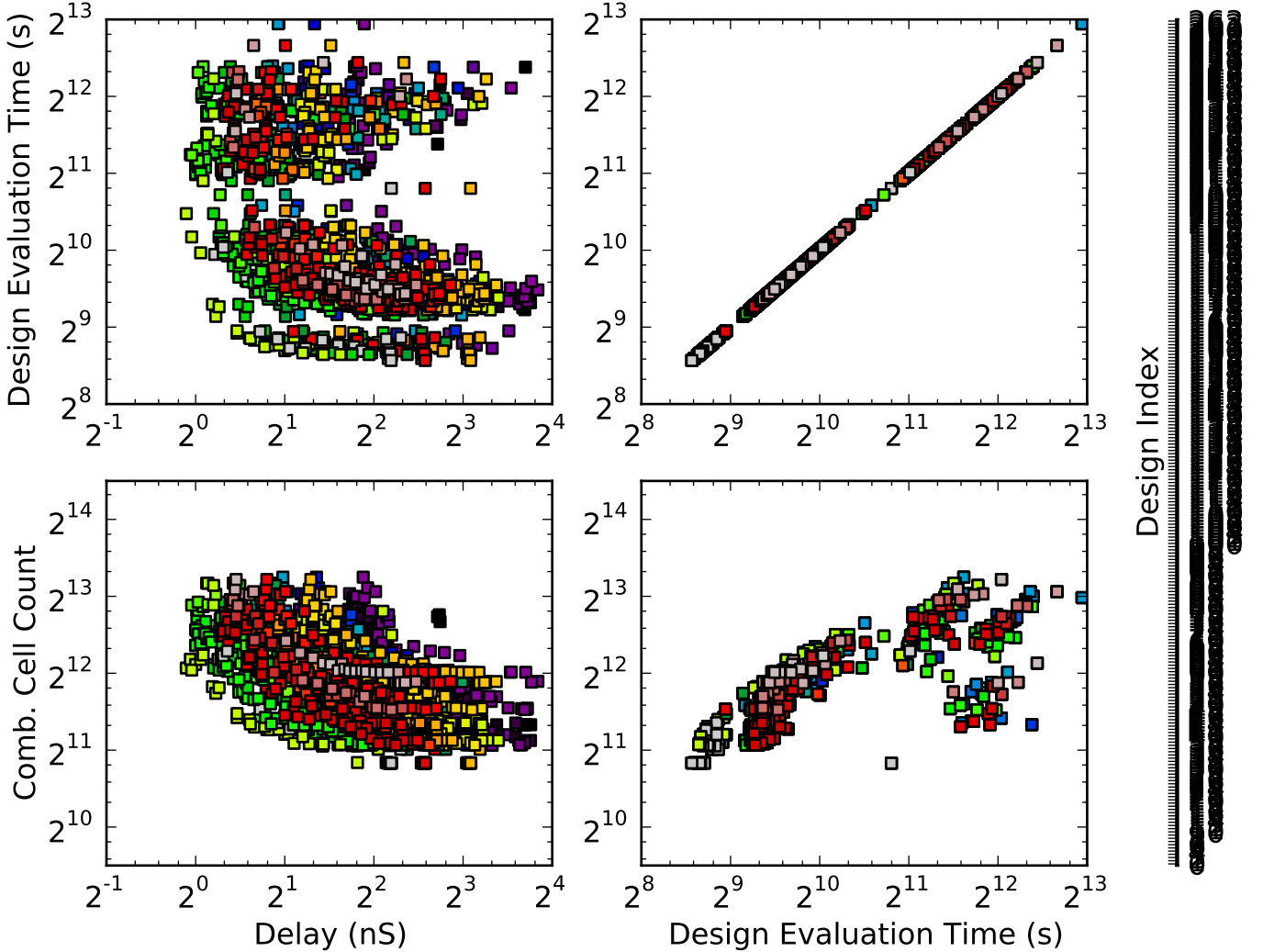

FPMult-32-All
Dyn Energy (pJ)
Delay (nS)
Leak
Delay
Area (mmsq)
Delay (nS)
Leak
Area
Design Index

FPMult-32-All






FPMult-32-All
Dyn Energy (pJ)
Delay (nS)
Design Index
0
1
2
3
4
5
6
7
8
0
2
4
6
8
10
12
14
16


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