FPMult-128

March 25, 2012

1 Design Map

Tables are tables

INFO_Pareto	0	0	0	0
TOP.DesignIndex	0	1	2	3
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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

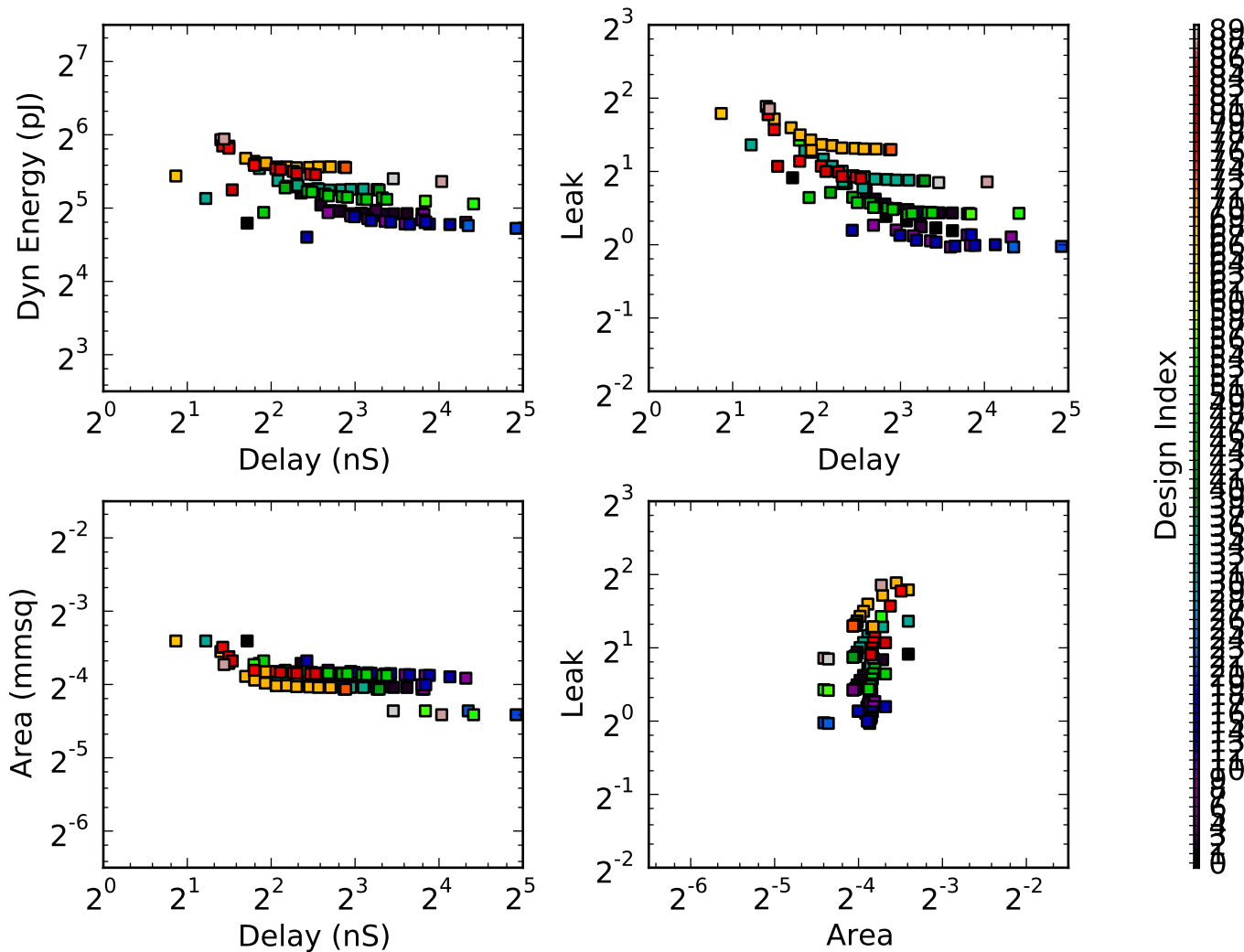|				
INFO_Pareto	0	0	1	1
TOP.DesignIndex	8	9	10	11
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	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	0	1
TOP.DesignIndex	12	13	14	15
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	16	17	18	19
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	20	21	22	23
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	24	25	26	27
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	28	29	30	31
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.8	0.8	0.9	0.9
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	32	33	34	35
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	36	37	38	39
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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

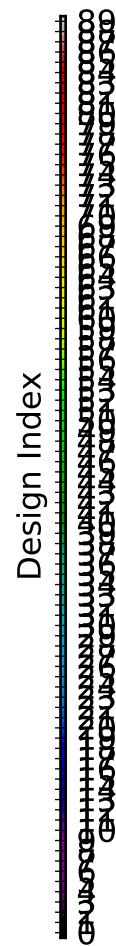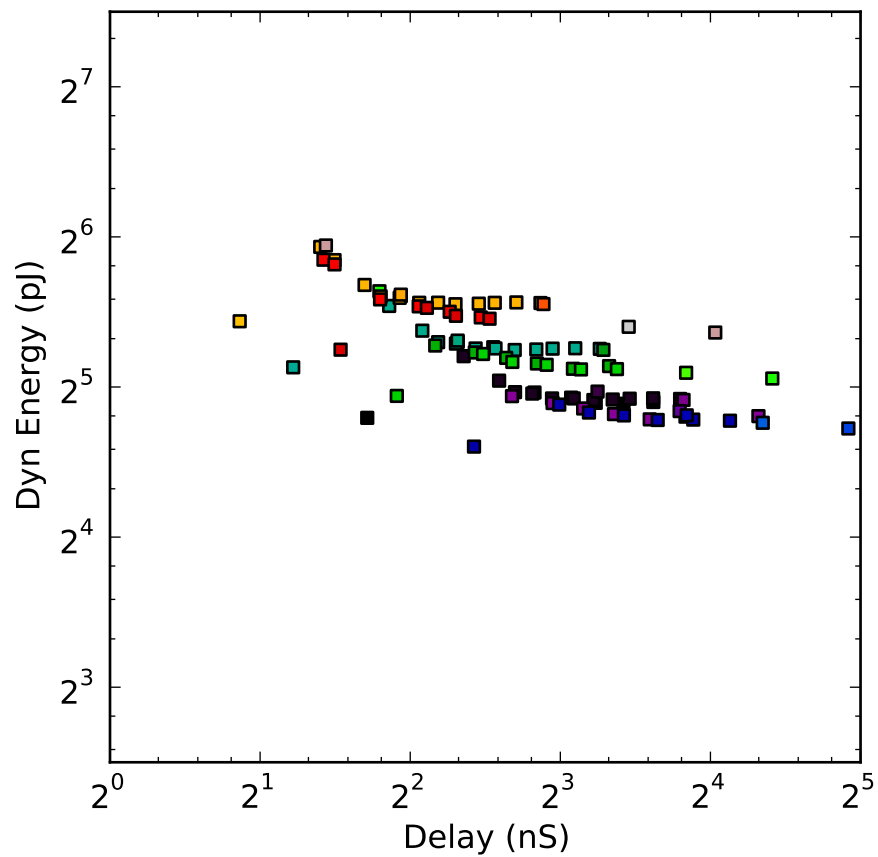|				
INFO_Pareto	1	1	1	0
TOP.DesignIndex	40	41	42	43
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	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	0	1	0	0
TOP.DesignIndex	44	45	46	47
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	0	0	0
TOP.DesignIndex	48	49	50	51
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	0	0	0
TOP.DesignIndex	52	53	54	55
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	56	57	58	59
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	60	61	62	63
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	64	65	66	67
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	1	1
TOP.DesignIndex	68	69	70	71
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	0	1
TOP.DesignIndex	72	73	74	75
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	0
TOP.DesignIndex	76	77	78	79
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	0
TOP.DesignIndex	80	81	82	83
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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	84	85	86	87
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	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
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

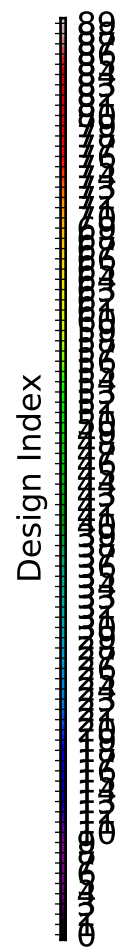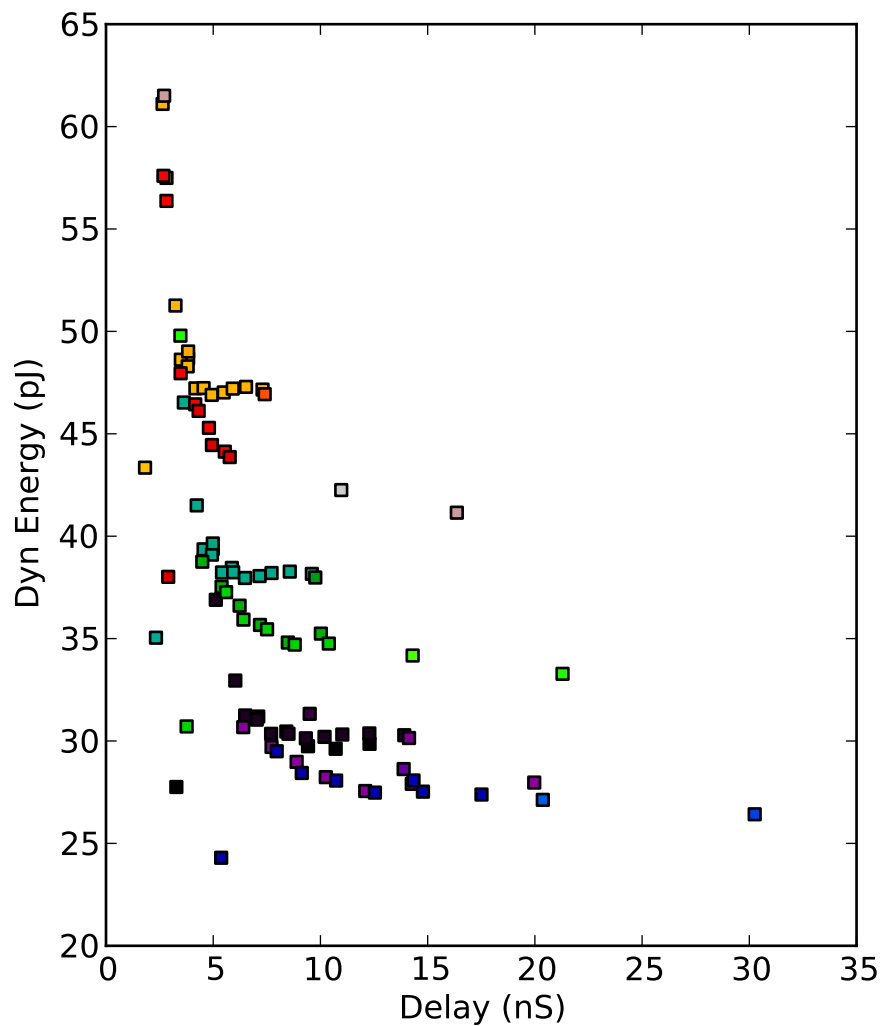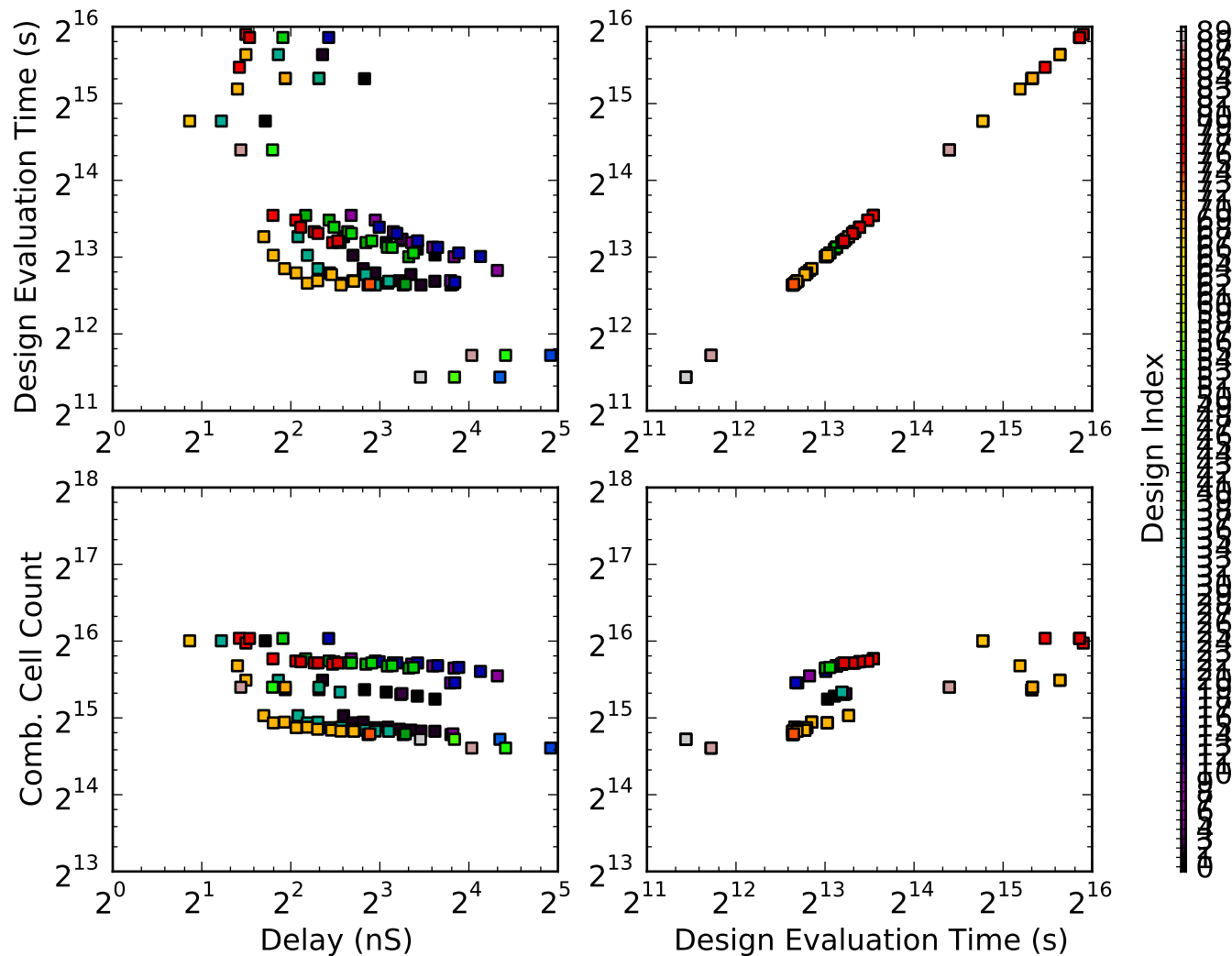|		
INFO_Pareto	1	1
TOP.DesignIndex	88	89
TOP.VT	svt	svt
TOP.Voltage	1.0	1.0
TOP.top.FPMult.EnableDenormals	YES	YES
TOP.top.FPMult.ExponentWidth	15	15
TOP.top.FPMult.FractionWidth	112	112
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	NA	NA
TOP.top.FPMult.Mult.MultP.Designware_MODE	ON	ON
TOP.top.FPMult.Mult.MultP.TreeType	NA	NA
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky

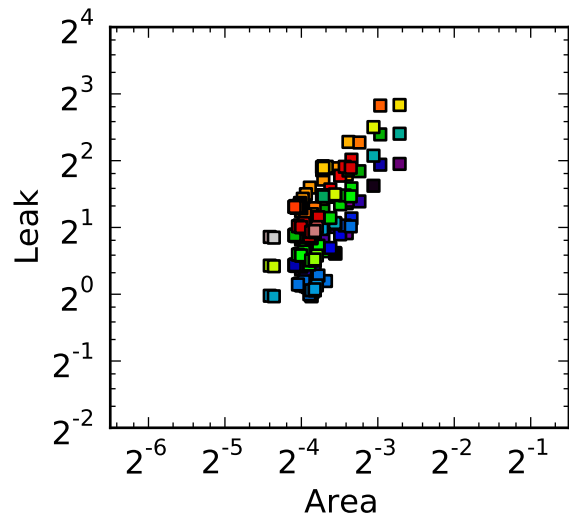FPMult-128-Pareto

FPMult-128-Pareto

FPMult-128-Pareto

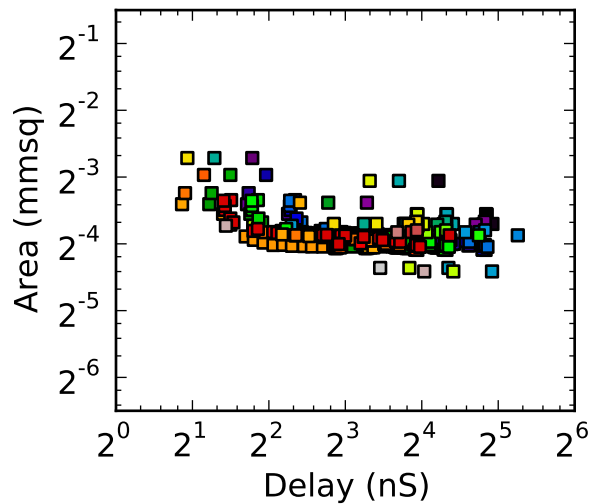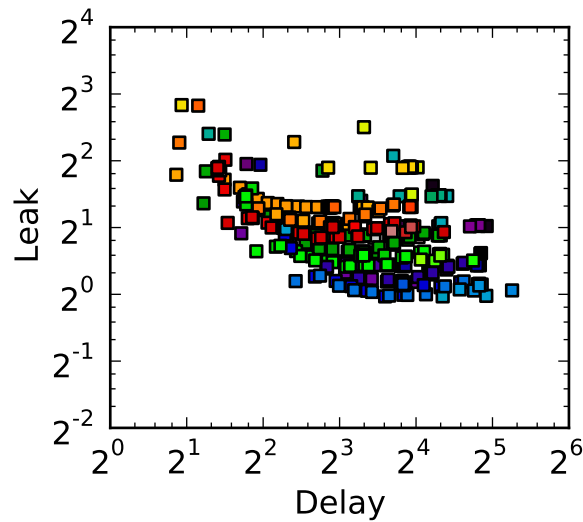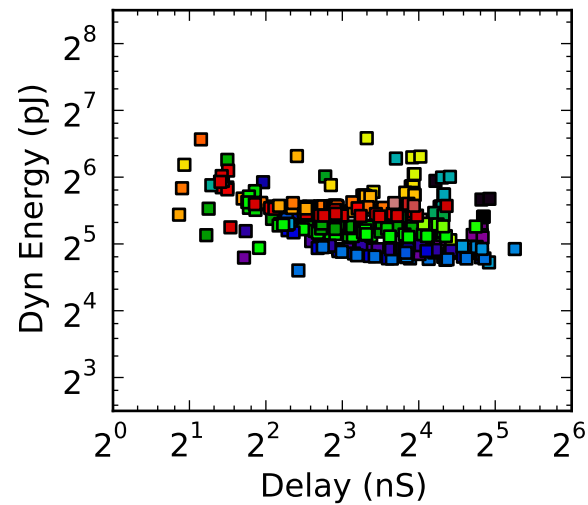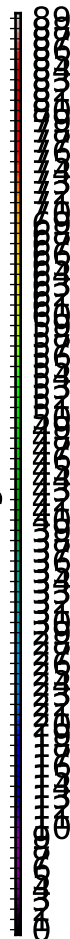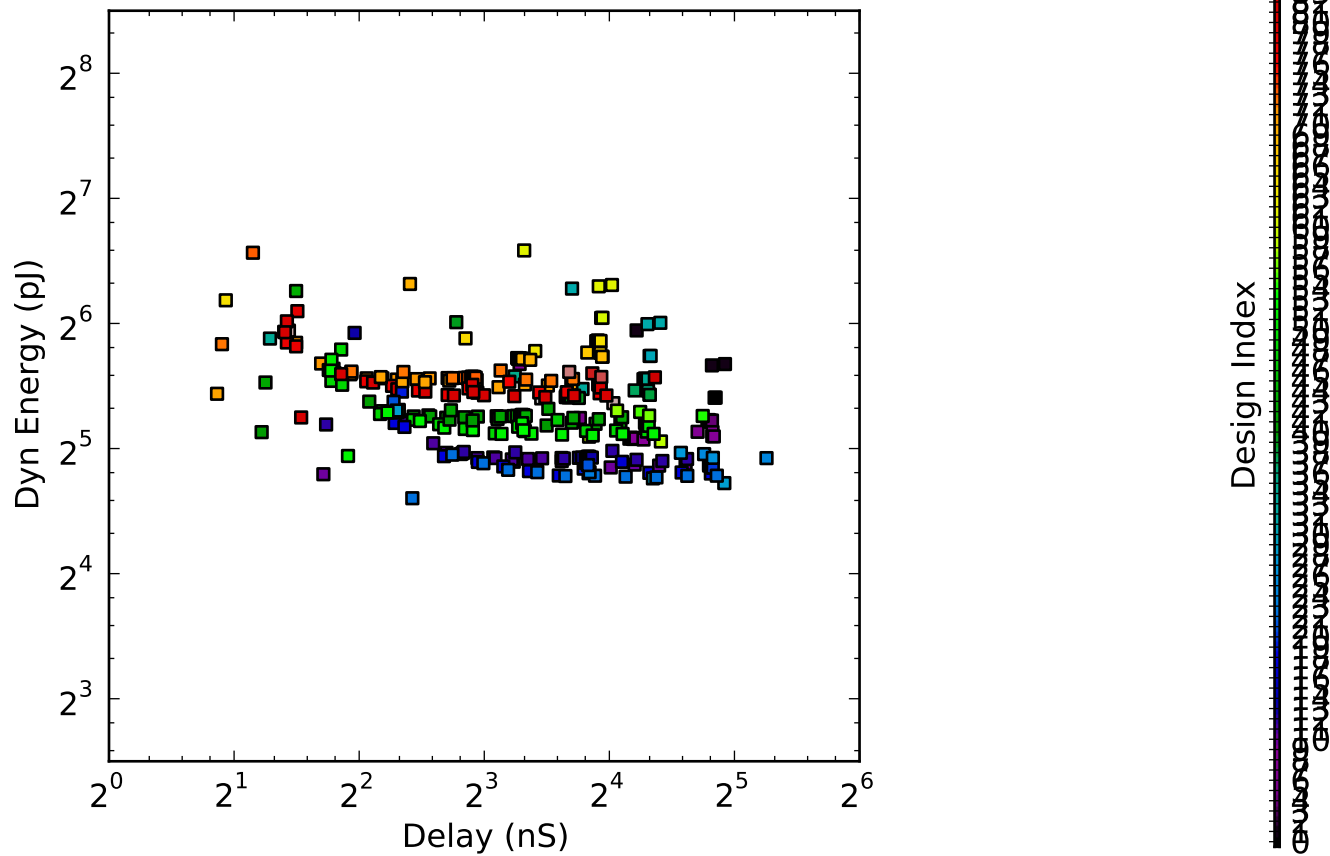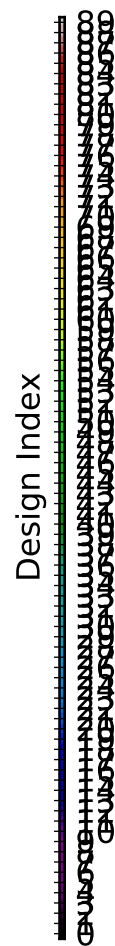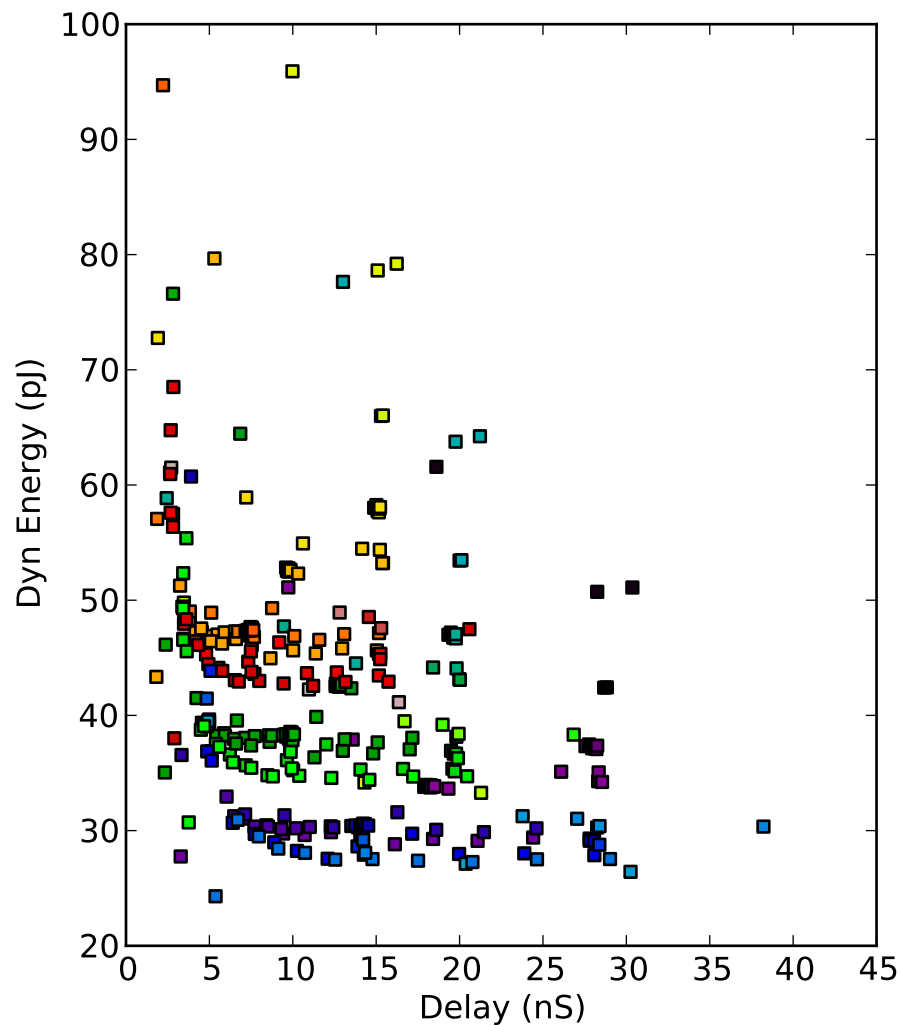FPMult-128-Pareto

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FPMult-128-All

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