FMA-32

March 25, 2012

1 Design Map

are tables				
INFO_Pareto	0	0	1 0	0
TOP.DesignIndex	ő	1	2	3
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_FMA.FMA.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_FMA.FMA.EnableDenormals	YES	YES	YES	YES
TOP.top_FMA.FMA.ExponentWidth	8	8	8	8
TOP.top_FMA.FMA.FMA_MAN0.MUL0.BoothType	1	1	1	1 1
TOP.top_FMA.FMA.FMA_MAN0.MUL0.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_FMA.FMA.FMA_MAN0.MUL0.TreeType	Array	OS1	Wallace	ZM
TOP.top_FMA.FMA.FractionWidth	23	23	23	23
TOP.top_FMA.FMA.UseInc	NO	NO	NO	NO
				- 1
INFO_Pareto	1	1	1	1
TOP.DesignIndex	4	5	6	7
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_FMA.FMA.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_FMA.FMA.EnableDenormals	YES	YES	YES	YES
TOP.top_FMA.FMA.ExponentWidth	8	8	8	8
TOP.top_FMA.FMA.FMA_MAN0.MUL0.BoothType	2	2	2	
TOP.top_FMA.FMA.FMA_MANO.MUL0.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_FMA.FMA.FMA_MANO.MUL0.TreeType	Array	OS1	Wallace	ZM
TOP.top_FMA.FMA.FractionWidth	23	23	23	23
TOP.top_FMA.FMA.UseInc	NO NO	NO	NO NO	NO NO
TOT ROPE WITH WITH OBOTH	110	110	110	110
INFO_Pareto	1	1	1	1
TOP.DesignIndex	8	9	10	11
TOP.VT	hvt	hvt	hvt	hvt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top_FMA.FMA.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_FMA.FMA.EnableDenormals	YES	YES	YES	YES
TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth	8	8	8	8
TOP.top_FMA.FMA.FMA_MAN0.MUL0.BoothType	3	3	3	3
TOP.top_FMA.FMA.FMA_MANO.MUL0.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top_FMA.FMA.FMA_MANO.MUL0.TreeType	Array	OFF OS1	Wallace	ZM
TOP.top_FMA.FMA.FMA_MANU.MOLU.TreeType TOP.top_FMA.FMA.FractionWidth	23	23	23	23
			_	
TOP.top_FMA.FMA.UseInc	NO	NO	NO	l no l

INFO_Pareto	0	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_FMA.FMA.Designware_MODE	OFF	OFF	OFF	ON	
TOP.top_FMA.FMA.EnableDenormals	YES	YES	YES	YES	
	8	8	8	8	
TOP.top_FMA.FMA.ExponentWidth	4	4			
TOP.top_FMA.FMA.FMA_MAN0.MUL0.BoothType	OFF	OFF	NA ON	NA NA	
TOP.top_FMA.FMA.FMA_MANO.MUL0.Designware_MODE					
TOP.top_FMA.FMA.FMA_MAN0.MUL0.TreeType	Array 23	Wallace 23	NA 23	NA 23	
TOP.top_FMA.FMA.FractionWidth TOP.top_FMA.FMA.UseInc	NO NO	NO NO	NO NO	NO NO	
TOT.top_P MA.P MA.Oseine	110	110	110	NO	
					_
INFO_Pareto	0	0	0	0	
TOP.DesignIndex	16	17	18	19	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top_FMA.FMA.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_FMA.FMA.EnableDenormals	YES	YES	YES	YES	
TOP.top_FMA.FMA.ExponentWidth	8	8	8	8	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.BoothType	1	1	1	1	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.TreeType	Array	OS1	Wallace	ZM	
TOP.top_FMA.FMA.FractionWidth	23	23	23	23	
TOP.top_FMA.FMA.UseInc	NO	NO	NO	NO	
	1				
INFO_Pareto	1	1 1	1	1 1	-
TOP.DesignIndex	20	21	22	23	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top_FMA.FMA.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_FMA.FMA.EnableDenormals	YES	YES	YES	YES	
TOP.top_FMA.FMA.ExponentWidth	8	8	8	8	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.BoothType	2	2	2	2	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.TreeType	Array	OS1	Wallace	ZM	
TOP.top_FMA.FMA.FractionWidth	23	23	23	23	
TOP.top_FMA.FMA.UseInc	NO	NO	NO	NO	
		· · ·		<u> </u>	
INFO_Pareto	0	l 1 l	1	0	
TOP.DesignIndex	24	25	26	27	
TOP.VT	hvt	hvt	hvt	hvt	
TOP.Voltage	0.9	0.9	0.9	0.9	
TOP.top_FMA.FMA.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_FMA.FMA.EnableDenormals	YES	YES	YES	YES	
TOP.top_FMA.FMA.ExponentWidth	8	8	8	8	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.BoothType	3	3	3	3	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.TreeType	Array	OS1	Wallace	ZM	
TOP.top_FMA.FMA.FractionWidth	23	23	23	23	
TOP.top_FMA.FMA.UseInc	NO	NO	NO	NO	
	1				_
INFO D	0	1 0	1 4	1 0 1	_
INFO_Pareto	0	0	1	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_FMA.FMA.Designware_MODE	OFF	OFF	OFF	ON	
TOP.top_FMA.FMA.EnableDenormals	YES	YES	YES	YES	
TOP.top_FMA.FMA.ExponentWidth	8	8	8	8	
TOP.top_FMA.FMA.FMA_MANO.MUL0.BoothType	4	4	NA	NA NA	
TOP.top_FMA.FMA.FMA_MANO.MUL0.Designware_MODE	OFF	OFF	ON	NA NA	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.TreeType	Array	Wallace		NA	
TOP.top_FMA.FMA.FractionWidth	23 NO	23 NO	23 NO	23 NO	
TOP.top_FMA.FMA.UseInc	NO	NO	NO	NO	

INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FMA.FMA.Designware_MODE TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.FMA.MANO.MULO.BoothType TOP.top.FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.FNA.Designware_MODE TOP.top.FMA.FMA.FMA.SOLUTION.MULO.TreeType TOP.top.FMA.FMA.FMA.FNA.Designware_MODE TOP.top.FMA.FMA.FMA.FNA.Designware_MODE	0 32 hvt 1.0 OFF YES 8 1 OFF Array 23 NO	0 33 hvt 1.0 OFF YES 8 1 OFF OS1 23 NO	1 34 hvt 1.0 OFF YES 8 1 OFF Wallace 23 NO	1 35 hvt 1.0 OFF YES 8 1 OFF ZM 23 NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FMA.FMA.Designware_MODE TOP.top.FMA.FMA.EnableDenormals TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.FMA.MANO.MUL0.BoothType TOP.top.FMA.FMA.FMA.MANO.MUL0.Designware_MODE TOP.top.FMA.FMA.FMA_MANO.MUL0.TreeType TOP.top.FMA.FMA.FMA.MANO.MUL0.TreeType TOP.top_FMA.FMA.FMA.MANO.MUL0.TreeType TOP.top_FMA.FMA.FMA.Designwidth TOP.top_FMA.FMA.UseInc	1 36 hvt 1.0 OFF YES 8 2 OFF Array 23 NO	1 37 hvt 1.0 OFF YES 8 2 OFF OS1 23 NO	1 38 hvt 1.0 OFF YES 8 2 OFF Wallace 23 NO	1 39 hvt 1.0 OFF YES 8 2 OFF ZM 23 NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FMA.FMA.Designware_MODE TOP.top.FMA.FMA.EnableDenormals TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.FMA.MANO.MULO.BoothType TOP.top.FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.HOLO.TreeType TOP.top.FMA.FMA.FMA.HOLO.TreeType	0 40 hvt 1.0 OFF YES 8 3 OFF Array 23 NO	1 41 hvt 1.0 OFF YES 8 3 OFF OS1 23 NO	1 42 hvt 1.0 OFF YES 8 3 OFF Wallace 23 NO	0 43 hvt 1.0 OFF YES 8 3 OFF ZM 23 NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA_MANO.MULO.BoothType TOP.top_FMA.FMA.FMA_MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.UseInc	0 44 hvt 1.0 OFF YES 8 4 OFF Array 23 NO	0 45 hvt 1.0 OFF YES 8 4 OFF Wallac 23 NO	1 46 hvt 1.0 OFF YES 8 NA ON NA 23 NO	0 47 hvt 1.0 ON YES 8 NA NA NA NA 23 NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA.MANO.MULO.BoothType TOP.top_FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.WANO.MULO.TreeType TOP.top_FMA.FMA.FMA.WANO.MULO.TreeType TOP.top_FMA.FMA.FMA.UseInc	1 48 lvt 0.8 OFF YES 8 1 OFF Array 23 NO	0 49 lvt 0.8 OFF YES 8 1 OFF OS1 23 NO	1 50 lvt 0.8 OFF YES 8 1 OFF Wallace 23 NO	0 51 lvt 0.8 OFF YES 8 1 OFF ZM 23 NO

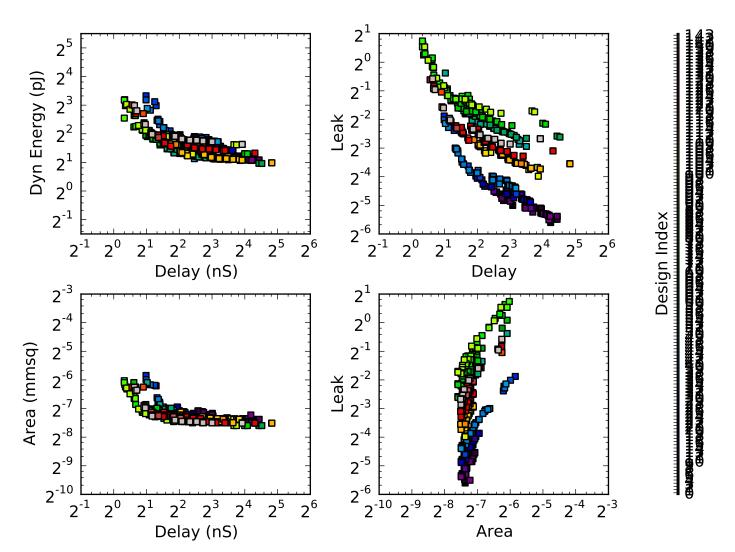
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.ExpenentWidth TOP.top_FMA.FMA.ExpenentWidth TOP.top_FMA.FMA.FMA.MANO.MULO.BoothType TOP.top_FMA.FMA.FMA_MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FRA.FNA_MANO.MULO.TreeType TOP.top_FMA.FMA.FRA.FNA_MANO.MULO.TreeType TOP.top_FMA.FMA.FNA.FNA.DOS.MULO.TreeType TOP.top_FMA.FMA.FNA.FNA.DOS.MULO.TreeType TOP.top_FMA.FMA.FNA.FNA.MOS.MULO.TreeType	1 1 1 1 52 53 54 55 lvt lvt lvt lvt 0.8 0.8 0.8 0.8 OFF OFF OFF OFF YES YES YES YES 8 8 8 8 2 2 2 2 OFF OFF OFF OFF Array OS1 Wallace ZM 23 23 23 NO NO NO NO NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA.MANO.MUL0.BoothType TOP.top_FMA.FMA.FMA_MANO.MUL0.Designware_MODE TOP.top_FMA.FMA.FMA_MANO.MUL0.TreeType TOP.top_FMA.FMA.FMA_MANO.MUL0.TreeType TOP.top_FMA.FMA.FMA.MANO.MUL0.TreeType TOP.top_FMA.FMA.FMA.Designwidth TOP.top_FMA.FMA.UseInc	1 1 1 1 56 57 58 59 lvt lvt lvt lvt 0.8 0.8 0.8 0.8 OFF OFF OFF OFF YES YES YES YES 8 8 8 8 3 3 3 3 OFF OFF OFF OFF Array OS1 Wallace ZM 23 23 23 23 NO NO NO NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FMA.FMA.Designware_MODE TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.FMA.MANO.MULO.BoothType TOP.top.FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.HANO.MULO.TreeType	0 1 1 1 60 61 62 63 lvt lvt lvt lvt 0.8 0.8 0.8 0.8 OFF OFF OFF ON YES YES YES YES 8 8 8 8 4 4 NA NA OFF OFF ON NA Array Wallace NA NA 23 23 23 23 NO NO NO NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA_MANO.MULO.BoothType TOP.top_FMA.FMA.FMA_MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.Waldth	1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA.MANO.MULO.BoothType TOP.top_FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.WOLO.TreeType TOP.top_FMA.FMA.FMA.WOLO.TreeType TOP.top_FMA.FMA.FMA.UseInc	1 1 1 0 68 69 70 71 lvt lvt lvt lvt 0.9 0.9 0.9 0.9 OFF OFF OFF OFF YES YES YES YES 8 8 8 8 2 2 2 2 OFF OFF OFF OFF Array OS1 Wallace ZM 23 23 23 23 NO NO NO NO

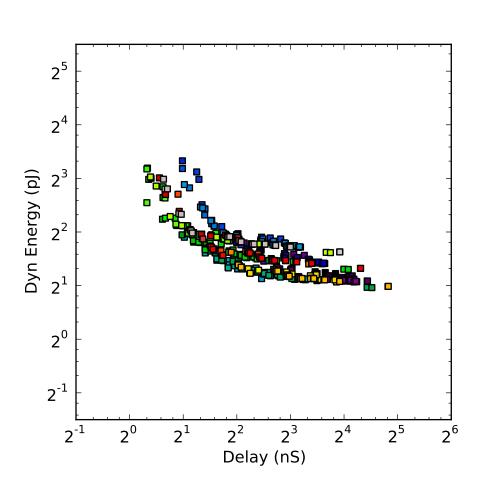
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FMA.FMA.Designware_MODE TOP.top.FMA.FMA.EnableDenormals TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.FMA.MANO.MULO.BoothType TOP.top.FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.WANO.MULO.TreeType	1 72 lvt 0.9 OFF YES 8 3 OFF Array 23 NO	1 73 lvt 0.9 OFF YES 8 3 OFF OS1 23 NO	1 74 lvt 0.9 OFF YES 8 3 OFF Wallace 23 NO	1 75 lvt 0.9 OFF YES 8 3 OFF ZM 23 NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA.MANO.MULO.BoothType TOP.top_FMA.FMA.FMA_MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FMA_MON.MULO.TreeType TOP.top_FMA.FMA.FMA.FMA.Designware_MODE TOP.top_FMA.FMA.FMA.FMA.Designware_MODE TOP.top_FMA.FMA.FMA.FMA.Designware_MODE TOP.top_FMA.FMA.FMA.FMA.Designware_MODE TOP.top_FMA.FMA.FMA.FMA.Designware_MODE	0 76 lvt 0.9 OFF YES 8 4 OFF Array 23 NO	1 77 lvt 0.9 OFF YES 8 4 OFF Wallace 23 NO	1 78 lvt 0.9 OFF YES 8 NA ON NA 23 NO	1 79 lvt 0.9 ON YES 8 NA NA NA NA NA NA
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FMA.FMA.Designware_MODE TOP.top.FMA.FMA.EnableDenormals TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.FMA.MANO.MULO.BoothType TOP.top.FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.NO.MULO.TreeType TOP.top.FMA.FMA.FMA.Designware_MODE TOP.top.FMA.FMA.FMA.Designware	1 80 lvt 1.0 OFF YES 8 1 OFF Array 23 NO	0 81 lvt 1.0 OFF YES 8 1 OFF OS1 23 NO	1 82 lvt 1.0 OFF YES 8 1 OFF Wallace 23 NO	0 83 lvt 1.0 OFF YES 8 1 OFF ZM 23 NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FMA.FMA.Designware_MODE TOP.top.FMA.FMA.EnableDenormals TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.FMA.MANO.MULO.BoothType TOP.top.FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.STACTION.MILO.TreeType TOP.top.FMA.FMA.FMA.STACTION.MILO.TreeType TOP.top.FMA.FMA.FMA.STACTION.MILO.TreeType	1 84 lvt 1.0 OFF YES 8 2 OFF Array 23 NO	1 85 lvt 1.0 OFF YES 8 2 OFF OS1 23 NO	1 86 lvt 1.0 OFF YES 8 2 OFF Wallace 23 NO	0 87 lvt 1.0 OFF YES 8 2 OFF ZM 23 NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FMA.FMA.Designware_MODE TOP.top.FMA.FMA.EnableDenormals TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.FMA.MANO.MULO.BoothType TOP.top.FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.WANO.MULO.TreeType TOP.top.FMA.FMA.FMA.WANO.MULO.TreeType	1 88 lvt 1.0 OFF YES 8 3 OFF Array 23 NO	1 89 lvt 1.0 OFF YES 8 3 OFF OS1 23 NO	1 90 lvt 1.0 OFF YES 8 3 OFF Wallace 23 NO	1 91 1.0 OFF YES 8 3 OFF ZM 23 NO

INFO.Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FMA.FMA.Designware_MODE TOP.top.FMA.FMA.EnableDenormals TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.FMA.MANO.MULO.BoothType TOP.top.FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.WO.MULO.TreeType TOP.top.FMA.FMA.FMA.WO.MULO.TreeType	0	1	1	1
	92	93	94	95
	lvt	lvt	lvt	lvt
	1.0	1.0	1.0	1.0
	OFF	OFF	OFF	ON
	YES	YES	YES	YES
	8	8	8	8
	4	4	NA	NA
	OFF	OFF	ON	NA
	Array	Wallace	NA	NA
	23	23	23	NA
	NO	NO	NO	NA
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA_MANO.MULO.BoothType TOP.top_FMA.FMA.FMA_MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.Woldth TOP.top_FMA.FMA.FMA.UseInc	0	0	0	0
	96	97	98	99
	svt	svt	svt	svt
	0.8	0.8	0.8	0.8
	OFF	OFF	OFF	OFF
	YES	YES	YES	YES
	8	8	8	8
	1	1	1	1
	OFF	OFF	OFF	OFF
	Array	OS1	Wallace	ZM
	23	23	23	23
	NO	NO	NO	NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FMA.FMA.Designware_MODE TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA_MANO.MULO.BoothType TOP.top_FMA.FMA.FMA_MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FMA.MANO.MULO.TreeType	1 100 svt 0.8 OFF YES 8 2 OFF Array 23 NO	1 101 svt 0.8 OFF YES 8 2 OFF OS1 23 NO	0 102 svt 0.8 OFF YES 8 2 OFF Wallace 23 NO	1 103 svt 0.8 OFF YES 8 2 OFF ZM 23 NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA_MANO.MULO.BoothType TOP.top_FMA.FMA.FMA_MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FMA.Designware_MODE TOP.top_FMA.FMA.FMA.FMA.MANO.MULO.TreeType	1	1	1	1
	104	105	106	107
	svt	svt	svt	svt
	0.8	0.8	0.8	0.8
	OFF	OFF	OFF	OFF
	YES	YES	YES	YES
	8	8	8	8
	3	3	3	3
	OFF	OFF	OFF	OFF
	Array	OS1	Wallace	ZM
	23	23	23	23
	NO	NO	NO	NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA.MANO.MULO.BoothType TOP.top_FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.WO.MULO.TreeType TOP.top_FMA.FMA.FMA.WO.MULO.TreeType	0	0	1	1
	108	109	110	1111
	svt	svt	svt	svt
	0.8	0.8	0.8	0.8
	OFF	OFF	OFF	ON
	YES	YES	YES	YES
	8	8	8	8
	4	4	NA	NA
	OFF	OFF	ON	NA
	Array	Wallace	NA	NA
	23	23	23	23
	NO	NO	NO	NO

INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.ExableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA.MANO.MULO.BoothType TOP.top_FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FNA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FNA.MANO.MULO.TreeType	0 0 0 0 112 113 114 115 svt svt svt svt 0.9 0.9 0.9 0.9 OFF OFF OFF OFF YES YES YES YES 8 8 8 8 1 1 1 1 OFF OFF OFF OFF Array OS1 Wallace ZM 23 23 23 23 NO NO NO NO
INFO.Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FMA.FMA.Designware_MODE TOP.top.FMA.FMA.EnableDenormals TOP.top.FMA.FMA.ExponentWidth TOP.top.FMA.FMA.FMA.MANO.MULO.BoothType TOP.top.FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top.FMA.FMA.FMA.FMANO.MULO.TreeType TOP.top.FMA.FMA.FMA.FTActionWidth TOP.top.FMA.FMA.FMA.UseInc	1 1 0 1 116 117 118 119 svt svt svt svt 0.9 0.9 0.9 0.9 OFF OFF OFF OFF YES YES YES YES 8 8 8 8 2 2 2 2 OFF OFF OFF OFF Array OS1 Wallace ZM 23 23 23 23 NO NO NO NO
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA.MANO.MULO.BoothType TOP.top_FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FMA.WANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FMA.DOB.TOP.top_FMA.FMA.FMA.FMA.TOP.TOP.TOP.TMA.FMA.TMA.TOP.TOP.TMA.FMA.TMA.TOP.TOP.TMA.FMA.TMA.UseInc	1 1 1 1 1 1 123 123 123 123 123 123 123 123 123 123 123 123 124 <t< td=""></t<>
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA_MANO.MULO.BoothType TOP.top_FMA.FMA.FMA.MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.FNAUMOLO.TreeType TOP.top_FMA.FMA.FMA.FNAUMOLO.TreeType TOP.top_FMA.FMA.FMA.FNAUMOLO.TreeType TOP.top_FMA.FMA.FMA.FNAUMOLO.TreeType	0 0 1 1 1 124 125 126 127 svt svt svt svt svt svt svt svt svt 0.9 0.9 0.9 0.9 0.9 0.9 OF ON YES YES YES YES YES S 8 8 8 8 8 8 4 4 NA NA NA NA OFF OF ON NA NA ATTAY Wallace NA
INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top_FMA.FMA.Designware_MODE TOP.top_FMA.FMA.EnableDenormals TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.ExponentWidth TOP.top_FMA.FMA.FMA.MANO.MULO.BoothType TOP.top_FMA.FMA.FMA_MANO.MULO.Designware_MODE TOP.top_FMA.FMA.FMA_MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.MANO.MULO.TreeType TOP.top_FMA.FMA.FMA.Wano.MULO.TreeType TOP.top_FMA.FMA.FMA.UseInc	0 0 0 0 128 129 130 131 svt svt svt svt 1.0 1.0 1.0 1.0 OFF OFF OFF OFF YES YES YES YES 8 8 8 8 1 1 1 1 OFF OFF OFF OFF Array OS1 Wallace ZM 23 23 23 23 NO NO NO NO

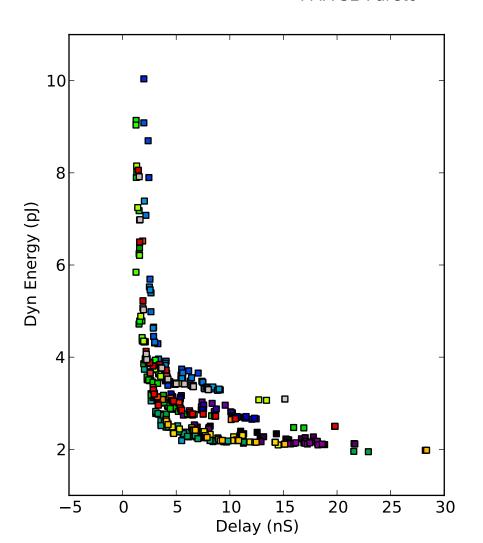
INFO_Pareto	1	1	1	l 1 l	
TOP.DesignIndex	132	133	134	135	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top_FMA.FMA.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_FMA.FMA.EnableDenormals	YES	YES	YES	YES	
TOP.top_FMA.FMA.ExponentWidth	8	8	8	8	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.BoothType	2	2	2	2	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.TreeType	Array	OS1	Wallace	ZM	
TOP.top_FMA.FMA.FractionWidth	23	23	23	23	
TOP.top_FMA.FMA.UseInc	NO	NO	NO	NO	
TYPO P					
INFO_Pareto	1	1	1	1 1	
TOP.DesignIndex	136	137	138	139	
TOP.VT	svt	svt	svt	svt	
TOP. Voltage	1.0	1.0	1.0	1.0	
TOP.top_FMA.FMA.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_FMA.FMA.EnableDenormals	YES	YES	YES	YES	
TOP.top_FMA.FMA.ExponentWidth	8 3	8 3	8	8 3	
TOP.top_FMA.FMA.FMA_MAN0.MUL0.BoothType TOP.top_FMA.FMA.FMA_MAN0.MUL0.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top_FMA.FMA.FMA_MANU.MULU.Designware_MODE TOP.top_FMA.FMA.FMA_MANU.MULU.TreeType		OFF OS1	Wallace	ZM	
	Array 23	23	wanace 23	23 Z M	
TOP.top_FMA.FMA.FractionWidth TOP.top_FMA.FMA.UseInc	NO NO	NO NO	NO NO	NO NO	
1 OP.top_F MA.F MA.Useinc	NO	NO	NO	NO	
INFO_Pareto	0	0	1	1	
TOP.DesignIndex	140	141	142	143	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top_FMA.FMA.Designware_MODE	OFF	OFF	OFF	ON	
TOP.top_FMA.FMA.EnableDenormals	YES	YES	YES	YES	
TOP.top_FMA.FMA.ExponentWidth	8	8	8	8	
$TOP.top_FMA.FMA.FMA_MAN0.MUL0.BoothType$	4	4	NA	NA	
$TOP.top_FMA.FMA.FMA_MAN0.MUL0.Designware_MODE$	OFF	OFF	ON	NA	
$TOP.top_FMA.FMA.FMA_MAN0.MUL0.TreeType$	Array	Wallace	e NA	NA	
TOP.top_FMA.FMA.FractionWidth	23	23	23	23	
TOP.top_FMA.FMA.UseInc	NO	NO	NO	NO	



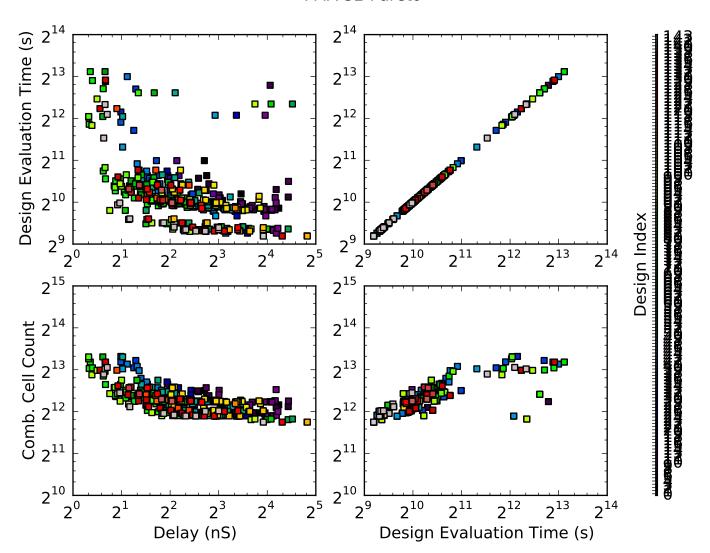


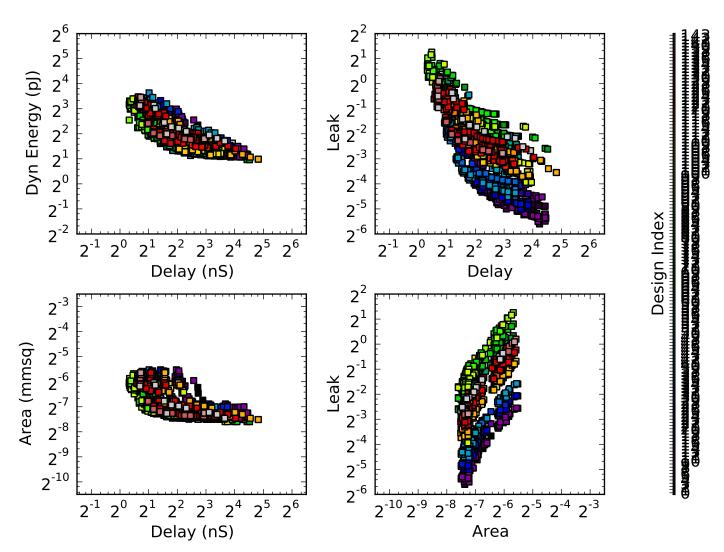
Design Index

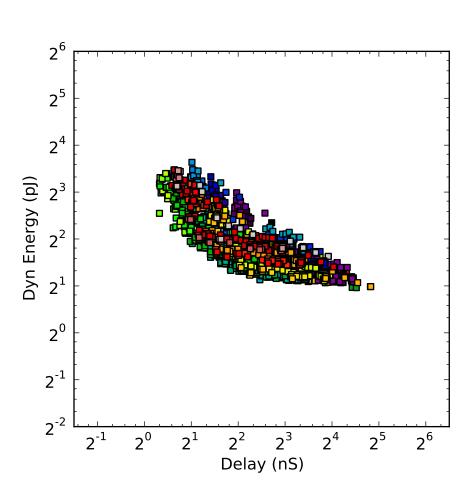
FMA-32-Pareto











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