## FPMult-32

## March 25, 2012

## 1 Design Map

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
				2
INIDO D			0	
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	$_{\mathrm{ZM}}$	$_{\mathrm{ZM}}$
TOP. top. FPMult. Mult. Partial Product Sum. Adder Type	DesignWare	Sklansky	DesignWare	Sklansky
	<u> </u>			
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
	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.Designware_MODE			2	2
TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType	2	1 2		
TOP.top.FPMult.Mult.MultP.BoothType	_	_	_	
	2 OFF Array	OFF OS1	OFF OS1	OFF Wallace

1					
10P.DesignIndex	NIEO P	,			
TOP.Voltage		_	_	_	
TOP-Voltage					
TOPtop.FPMult.ExponentWidth					
TOP-top-FPMult. ExponentWidth					
TOP-top-FPMult-Mult-Designware-MODE					
TOP-top-FPMult-Mult-Deolthype					
TOP-top-FPMult-Mult-Mult-Designware MODE	TOP.top.FPMult.FractionWidth	23	23	23	23
TOP-top-PFMult-Mult-Designware_MODE	TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP-top-FPMult-Mult-PartialProductSum.AdderType	TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	3
TOP-top-FPMult-Mult-PartialProductSum.AdderType	TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
NFO_Pareto		Wallace	ZM	ZM	Array
INFO_Pareto					
TOP.Voltage	1 of Roph I Marring at Man Todaes gammader 1 y pe	Billiandry	Dongii	Sitianisity	Dough Ware
TOP.Voltage					
TOP.Voltage	INFO Pareto	0	1 0	1 0	l 1 l
TOP-Voltage					
TOP-top-FPMult. EnableDenormals		1			
TOP.top.FPMult.EnableDenormals					
TOP.top.FPMult.ExponentWidth					
TOP-top-FPMult_Mult_Designware_MODE					
TOP.top.FPMult.Mult.Designware.MODE	TOP.top.FPMult.ExponentWidth				
TOP.top.FPMult.Mult.MultP.Designware.MODE	TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.MultP.Designware.MODE		OFF	OFF	OFF	OFF
TOP.top.PPMult.Mult.MultP.Designware_MODE TOP.top.PPMult.Mult.MultP.TretType					
TOP.top.FPMult.Mult.PartialProductSum.AdderType					
TOP.top.FPMult.Mult.PartialProductSum.AdderType		-			
INFO_Pareto					
TOP.VT	TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.VT					
TOP.VT					
Note	INFO_Pareto				
TOP.Voltage         0.8         0.8         0.8         70P.top.FPMult.EnableDenormals         YES         YES         YES         YES         YES         YES         TOP.top.FPMult.ExponentWidth         8         4         4         0         0FF         OFF         OFF <td< td=""><td>TOP.DesignIndex</td><td>20</td><td>21</td><td>22</td><td>23</td></td<>	TOP.DesignIndex	20	21	22	23
TOP.Voltage         0.8         0.8         0.8         70P.top.FPMult.EnableDenormals         YES         YES         YES         YES         YES         YES         TOP.top.FPMult.ExponentWidth         8         4         4         0         0FF         OFF         OFF <td< td=""><td>TOP.VT</td><td>hvt</td><td>hvt</td><td>hvt</td><td>hvt</td></td<>	TOP.VT	hvt	hvt	hvt	hvt
TOP.top.FPMult.ExponentWidth					
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.Designware_MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.TreeType         Wallace         ZM         ZM         Array           TOP.top.FPMult.Mult.PartialProductSum.AdderType         Sklansky         DesignWare         DesignWare           INFO_Pareto         0         0         0         0         0           TOP.top.FPMult.Mult.Designware         0.8         0.8         0.8         0.8         0.8           TOP.top.FPMult.ExponentWidth         8         8         8         8         8         8           TOP.top.FPMult.ExponentWidth         23         23         23         23         23         23           TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF         OFF         OFF         OFF         OFF         OFF         ON         NA         TOP.top.FPMult.Mult.Mult.Designware_MODE         OFF         OFF         OFF         ON         NA					
TOP.top.FPMult.Mult.Designware_MODE					
TOP.top.FPMult.Mult.Designware_MODE					
TOP.top.FPMult.Mult.MultP.BoothType					
TOP.top.FPMult.Mult.MultP.Designware_MODE			OFF		OFF
TOP.top.FPMult.Mult.MultP.TreeType	TOP.top.FPMult.Mult.MultP.BoothType		3		
INFO_Pareto	TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
INFO_Pareto	TOP.top.FPMult.Mult.MultP.TreeType	Wallace	ZM	$_{\mathrm{ZM}}$	Array
INFO_Pareto					
TOP.DesignIndex					
TOP.DesignIndex					
TOP.DesignIndex	INFO Pareto	0	1 0	1 0	1 0 1
Note					
TOP.Voltage					
TOP.top.FPMult.EnableDenormals					
TOP.top.FPMult.ExponentWidth					
TOP.top.FPMult.FractionWidth         23         23         23         23           TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF         OFF         OFF         OFF         OFF         OFF         OFF         ON         NA         NA         OPF         OFF         OFF         ON         NA         OPF         OFF         OPF					
TOP.top.FPMult.Mult.Designware_MODE		-	8	-	
TOP.top.FPMult.Mult.Designware_MODE			23	23	23
TOP.top.FPMult.Mult.MultP.BoothType		OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF Array         OFF Wallace         OFF Wallace         ON 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.Mult.Designware_MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.BoothType         NA         1         1         1         1           TOP.top.FPMult.Mult.MultP.Designware_MODE         ON         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.Designware_MODE         NA         Array         Array         OSI					
TOP.top.FPMult.Mult.PartialProductSum.AdderType   Array   Sklansky   DesignWare   Sklansky   DesignW					
INFO_Pareto					
INFO_Pareto					
TOP.DesignIndex         28         29         30         31           TOP.VT         hvt         hvt <t< td=""><td>TOP.top.FPMult.Mult.PartialProductSum.AdderType</td><td>Sklansky</td><td>DesignWare</td><td>Sklansky</td><td>DesignWare</td></t<>	TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.DesignIndex         28         29         30         31           TOP.VT         hvt         hvt <t< td=""><td></td><td> </td><td></td><td></td><td></td></t<>					
TOP.DesignIndex         28         29         30         31           TOP.VT         hvt         hvt <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
TOP.VT         hvt         hvt         hvt         hvt         hvt         hvt         hvt         nvt         hvt         hvt<					
TOP.Voltage         0.8         0.9         0.9         0.9           TOP.top.FPMult.EnableDenormals         YES         YES         YES         YES         YES           TOP.top.FPMult.ExponentWidth         8         8         8         8         8           TOP.top.FPMult.FractionWidth         23         23         23         23         23           TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.BoothType         NA         1         1         1         1           TOP.top.FPMult.Mult.MultP.Designware_MODE         ON         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.TreeType         NA         Array         Array         OS1		_	29		
TOP.Voltage         0.8         0.9         0.9         0.9           TOP.top.FPMult.EnableDenormals         YES         YES         YES         YES         YES           TOP.top.FPMult.ExponentWidth         8         8         8         8         8           TOP.top.FPMult.FractionWidth         23         23         23         23         23           TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.BoothType         NA         1         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.VT	hvt	hvt	hvt	hvt
TOP.top.FPMult.EnableDenormals         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         1           TOP.top.FPMult.Mult.MultP.Designware_MODE         ON         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.TreeType         NA         Array         Array         OS1		0.8	0.9	0.9	0.9
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         1           TOP.top.FPMult.Mult.MultP.Designware_MODE         ON         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.TreeType         NA         Array         Array         OS1			YES		
TOP.top.FPMult.FractionWidth         23         23         23           TOP.top.FPMult.Mult.Designware_MODE         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.Designware_MODE         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.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.MultP.Designware_MODE ON OFF OFF OFF TOP.top.FPMult.MultP.TreeType NA Array OS1					
TOP.top.FPMult.Mult.Mult.P.TreeType NA Array Array OS1					
			OFF	OFF	
	TOP.top.FPMult.Mult.MultP.TreeType	NA	Array	Array	OS1
		Sklansky	DesignWare	Sklansky	DesignWare
11	J. 1	<u> </u>			
		1			

nuno n				I
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		DesignWare
1 Of .top.11 Mate.Mate.1 aretain fordeet/gain.71ddef Type	Skiansky	Designivare	Skiansky	Designivare
INFO_Pareto	0	0	1	1 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
	ZM		_	
TOP.top.FPMult.Mult.MultP.TreeType		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
	8	8	8	8
TOP.top.FPMult.ExponentWidth				
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	DesignWar		DesignWare	Sklansky
	1			
INFO_Pareto	0	1 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	DesignWar		DesignWare	Sklansky
1 O1op.r r Muit.Muit.r artiair roductoum.Adder Lype	Designwar	е ј зкланску	Design ware	экіанѕку
	1			
INFO D		1 +	1 4	1 1
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. Partial Product Sum. Adder Type	DesignWar	e Sklansky	DesignWare	Sklansky

nuno n				
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
TWO D				
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 NA	OFF NA	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	NA ON	ON NA	OFF	OFF
TOP.top.FPMult.Mult.MultP.Designware_MODE	011			
TOP.top.FPMult.Mult.MultP.TreeType	NA Danian Wasa	NA Clalanalan	Array	Array
TOP. top. FPMult. Mult. Partial Product Sum. Adder Type	DesignWare	Sklansky	DesignWare	Sklansky
	1			
INFO_Pareto	0	1 0	1 0	1 0 1
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.EnableDenormals 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
101.top.F1 Wuit.Wuit.1 artian ToductSum.AdderType	Designware	DKIansky	Designware	Skialisky
	1			
INFO_Pareto	0	0	1 0	1 1
TOP.DesignIndex	64	65		
TOP.VT			1 66	67
	hyt		66 hyt	67
	hvt 1.0	hvt 1.0	66 hvt 1.0	67 hvt 1.0
TOP.Voltage	1.0	hvt 1.0	hvt 1.0	hvt 1.0
TOP.Voltage TOP.top.FPMult.EnableDenormals		hvt	hvt	hvt 1.0 YES
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth	1.0 YES 8	hvt 1.0 YES 8	hvt 1.0 YES 8	hvt 1.0 YES 8
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth	1.0 YES 8 23	hvt 1.0 YES 8 23	hvt 1.0 YES 8 23	hvt 1.0 YES 8 23
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE	1.0 YES 8 23 OFF	hvt 1.0 YES 8 23 OFF	hvt 1.0 YES 8 23 OFF	hvt 1.0 YES 8 23 OFF
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Mult.P.BoothType	1.0 YES 8 23 OFF 1	hvt 1.0 YES 8 23 OFF 1	hvt 1.0 YES 8 23 OFF 2	hvt 1.0 YES 8 23 OFF 2
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE	1.0 YES 8 23 OFF	hvt 1.0 YES 8 23 OFF	hvt 1.0 YES 8 23 OFF 2 OFF	hvt 1.0 YES 8 23 OFF 2 OFF
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Mult.P.BoothType	1.0 YES 8 23 OFF 1 OFF	hvt 1.0 YES 8 23 OFF 1 OFF	hvt 1.0 YES 8 23 OFF 2	hvt 1.0 YES 8 23 OFF 2
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType	1.0 YES 8 23 OFF 1 OFF ZM	hvt 1.0 YES 8 23 OFF 1 OFF ZM	hvt 1.0 YES 8 23 OFF 2 OFF Array	hvt 1.0 YES 8 23 OFF 2 OFF OS1
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType	1.0 YES 8 23 OFF 1 OFF ZM	hvt 1.0 YES 8 23 OFF 1 OFF ZM	hvt 1.0 YES 8 23 OFF 2 OFF Array	hvt 1.0 YES 8 23 OFF 2 OFF OS1
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType	1.0 YES 8 23 OFF 1 OFF ZM	hvt 1.0 YES 8 23 OFF 1 OFF ZM	hvt 1.0 YES 8 23 OFF 2 OFF Array	hvt 1.0 YES 8 23 OFF 2 OFF OS1
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType	1.0 YES 8 23 OFF 1 OFF ZM DesignWare	hvt 1.0 YES 8 23 OFF 1 OFF ZM Sklansky	hvt 1.0 YES 8 23 OFF 2 OFF Array DesignWare	hvt 1.0 YES 8 23 OFF 2 OFF OS1 DesignWare
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto	1.0 YES 8 23 OFF 1 OFF ZM DesignWare	hvt 1.0 YES 8 23 OFF 1 OFF ZM Sklansky	hvt 1.0 YES 8 23 OFF 2 OFF Array DesignWare	hvt 1.0 YES 8 23 OFF 2 OFF OS1 DesignWare
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.ExponentWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex	1.0 YES 8 23 OFF 1 OFF ZM DesignWare	hvt 1.0 YES 8 23 OFF 1 OFF ZM Sklansky	hvt 1.0 YES 8 23 OFF 2 OFF Array DesignWare	hvt 1.0 YES 8 23 OFF 2 OFF OS1 DesignWare
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.Bosignware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage	1.0 YES 8 23 OFF 1 OFF ZM DesignWare	hvt 1.0 YES 8 23 OFF 1 OFF ZM Sklansky	hvt 1.0 YES 8 23 OFF 2 OFF Array DesignWare	hvt 1.0 YES 8 23 OFF 2 OFF OS1 DesignWare
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Cosignware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT	1.0 YES 8 23 OFF 1 OFF ZM DesignWare	hvt 1.0 YES 8 23 OFF 1 OFF ZM Sklansky	hvt 1.0 YES 8 23 OFF 2 OFF Array DesignWare  1 70 hvt 1.0	hvt 1.0 YES 8 23 OFF 2 OFF OS1 DesignWare
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VIT TOP.Voltage TOP.top.FPMult.EnableDenormals	1.0 YES 8 23 OFF 1 OFF ZM DesignWare  1 68 hvt 1.0 YES	hvt 1.0 YES 8 23 OFF 1 OFF ZM Sklansky	hvt 1.0 YES 8 23 OFF 2 OFF Array DesignWare  1 70 hvt 1.0 YES	hvt   1.0   YES   8   23   OFF   2   OFF   OS1   DesignWare   1   71   hvt   1.0   YES
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Toesignware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth	1.0 YES 8 23 OFF 1 OFF ZM DesignWare	0 69 hvt 1.0 YES 8	hvt 1.0 YES 8 23 OFF 2 OFF Array DesignWare  1 70 hvt 1.0 YES 8	hvt   1.0   YES   8   23   OFF   2   OFF   OS1   DesignWare     1   71   hvt   1.0   YES   8
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.P.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth	1.0 YES 8 23 OFF 1 OFF ZM DesignWare	hvt 1.0 YES 8 23 OFF 1 OFF ZM Sklansky	hvt 1.0 YES 8 23 OFF 2 OFF Array DesignWare  1 70 hvt 1.0 YES 8 23	hvt   1.0   YES   8   23   OFF   2   OFF   OS1   DesignWare     1   71   hvt   1.0   YES   8   23   23
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.ExponentWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VI TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE	1.0 YES 8 23 OFF 1 OFF ZM DesignWare  1 68 hvt 1.0 YES 8 23 OFF	hvt 1.0 YES 8 23 OFF 1 OFF ZM Sklansky 0 69 hvt 1.0 YES 8 23 OFF	hvt 1.0 YES 8 23 OFF 2 OFF Array DesignWare  1 70 hvt 1.0 YES 8 23 OFF	hvt   1.0   YES   8   23   OFF   2   OFF   OS1   DesignWare     1   71   hvt   1.0   YES   8   23   OFF
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.ExponentWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.ExponentWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE	1.0 YES 8 23 OFF 1 OFF ZM DesignWare	0 69 hvt 1.0 YES 8 23 OFF 23 OFF 27 Sklansky	hvt 1.0 YES 8 23 OFF 2 OFF Array DesignWare  1 70 hvt 1.0 YES 8 23 OFF 2	hvt   1.0   YES   8   23   OFF   2   OFF   OS1   DesignWare   1   71   hvt   1.0   YES   8   23   OFF   2
TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE	1.0 YES 8 23 OFF 1 OFF ZM DesignWare  1 68 hvt 1.0 YES 8 23 OFF 2 OFF OS1	hvt 1.0 YES 8 23 OFF 1 OFF ZM Sklansky 0 69 hvt 1.0 YES 8 23 OFF 2 OFF	hvt 1.0 YES 8 23 OFF 2 OFF Array DesignWare  1 70 hvt 1.0 YES 8 23 OFF 2 OFF Wallace	hvt 1.0 YES 8 23 OFF 2 OFF OS1 DesignWare  1 71 hvt 1.0 YES 8 23 OFF 2 OFF

1 72 hvt 1.0 YES			
72 hvt 1.0	0	0	0
hvt 1.0	73	74	75
1.0	hvt	hvt	hvt
	1.0	1.0	1.0
	YES	YES	YES
8	8	8	8
23	23	23	23
OFF	OFF	OFF	OFF
2	3	3	3
OFF	OFF	OFF	OFF
- 1	-		OS1
			DesignWare
Skiansky	Designware	OKIGIISKY	Designivare
0		1	0
	77	78	79
	hvt	hvt	hvt
			1.0
YES	YES	YES	YES
8	8	8	8
	23	23	23
	OFF		OFF
3	3	3	3
			OFF
			ZM
Sklansky	DesignWare	Sklansky	DesignWare
1 I	0 1	0	0
- 1			83
	-	-	hvt
			1.0
			YES YES
			8
			23
	-		OFF
	- 1		4 OFF
	-		
			Wallace DesignWare
Skialisky	Designware	Skialisky	Designware
			0
			87
			lvt
			0.8
			YES
	٠ ا	0	8
			23
- 1	OFF	OFF	OFF
	NA	NA	1
4	ON		
4 OFF		ON	OFF
OFF Wallace	NA	NA	OFF Array
OFF			OFF
OFF Wallace	NA	NA	OFF Array
OFF Wallace Sklansky	NA DesignWare	NA Sklansky	OFF Array DesignWare
OFF Wallace Sklansky	NA DesignWare	NA Sklansky	OFF Array DesignWare
OFF Wallace Sklansky 0 88	NA DesignWare	NA Sklansky 0 90	OFF Array DesignWare
OFF Wallace Sklansky  0 88 lvt	NA DesignWare  0 89 lvt	NA Sklansky 0 90 lvt	OFF Array DesignWare
OFF Wallace Sklansky  0 88 lvt 0.8	NA DesignWare  0 89 lvt 0.8	NA Sklansky 0 90 lvt 0.8	OFF Array DesignWare
OFF Wallace Sklansky  0 88 lvt 0.8 YES	NA DesignWare  0 89 lvt 0.8 YES	NA Sklansky 0 90 lvt 0.8 YES	OFF Array DesignWare
OFF Wallace Sklansky  0 88 lvt 0.8 YES 8	NA DesignWare  0 89 lvt 0.8 YES 8	NA Sklansky  0 90 lvt 0.8 YES 8	OFF Array DesignWare
OFF Wallace Sklansky  0 88 lvt 0.8 YES 8 23	NA DesignWare  0 89 lvt 0.8 YES 8 23	NA Sklansky 0 90 lvt 0.8 YES 8 23	OFF Array DesignWare
OFF Wallace Sklansky  0 88 lvt 0.8 YES 8 23 OFF	NA DesignWare  0 89 lvt 0.8 YES 8 23 OFF	NA Sklansky 0 90 lvt 0.8 YES 8 23 OFF	OFF Array DesignWare  0 91 lvt 0.8 YES 8 23 OFF
OFF Wallace Sklansky  0 88 lvt 0.8 YES 8 23 OFF 1	NA DesignWare  0 89 lvt 0.8 YES 8 23 OFF 1	NA Sklansky  0 90 lvt 0.8 YES 8 23 OFF	OFF Array DesignWare  0 91 lvt 0.8 YES 8 23 OFF 1
OFF Wallace Sklansky  0 88 lvt 0.8 YES 8 23 OFF 1 OFF	NA DesignWare  0 89 lvt 0.8 YES 8 23 OFF 1 OFF	NA Sklansky  0 90 lvt 0.8 YES 8 23 OFF 1 OFF	OFF Array DesignWare  0 91 lvt 0.8 YES 8 23 OFF 1 OFF
OFF Wallace Sklansky  0 88 lvt 0.8 YES 8 23 OFF 1	NA DesignWare  0 89 lvt 0.8 YES 8 23 OFF 1	NA Sklansky  0 90 lvt 0.8 YES 8 23 OFF	OFF Array DesignWare  0 91 lvt 0.8 YES 8 23 OFF 1
	ZM Sklansky 0 76 hvt 1.0 YES 8 23 OFF	O	O

INFO-Pareto					
TOP.   Design Index	DIFO D	,			0 1
TOP.VOT		_			
TOP. Voltage					
TOP-top_FPMult_ExponentWidth					
TOP-top-PPMult. ExponentWidth					
TOP-top-PFMult.Mult.Designware_MODE					
TOP-top-PFMult.Mult.Debisjnware.MODE					
TOP-top-FPMult.Mult.Mult.Plebsignware.MODE	TOP.top.FPMult.FractionWidth		23	23	
TOP.top.PFMult.Mult.Mult.PTreeType	TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.PFMult.Mult.PartialProductSum.AdderType	TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	2
NFO.Pareto	TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
INFO.Pareto	TOP.top.FPMult.Mult.MultP.TreeType	Wallace	ZM	$_{\mathrm{ZM}}$	Array
INFO.Pareto	TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.DesignIndex					
TOP.DesignIndex					
TOP.Voltage	INFO_Pareto	0	0	1	0
TOP.Voltage					
TOP-top-FPMult.EnableDenormals					
TOP.top.FPMult.ExponentWidth					
TOP-top-FPMult_ExponentWidth					
TOP-top-PPMult_Mult_Designware_MODE					
TOP.top.FPMult.Mult.MultP.Designware.MODE					
TOP-top-FPMult.Mult.Mult.PartialProductSum.AdderType					
TOP-top-PPMult.Mult.PuterType					
TOP.top.FPMult.Mult.PartialProductSum.AdderType		_	_		- 1
INFO_Pareto					
INFO_Pareto					
TOP.DesignIndex	TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.DesignIndex					
TOP.DesignIndex					
TOP.Vot   Section   Sect	INFO_Pareto	1	0	1	0
TOP.Voltage         0.8         0.8         0.8         0.8           TOP.top.FPMult.ExponentWidth         8         8         8         8         8           TOP.top.FPMult.Wilt.Designware.MODE         OFF         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.Mult.P.Designware.MODE         OFF	TOP.DesignIndex	100	101	102	103
TOP.top.FPMult.ExponentWidth         XES         YES         YES           TOP.top.FPMult.ExponentWidth         23         23         23         23           TOP.top.FPMult.Mult.Designware.MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.BoothType         2         2         2         2         3           TOP.top.FPMult.Mult.MultP.TreeType         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.AultP.TreeType         Sklansky         DesignWare         Sklansky         DesignWare           INFO.Pareto         0         0         0         0         0         0           TOP.top.FPMult.Mult.PartialProductSum.AdderType         Sklansky         DesignWare         Sklansky         DesignWare           INFO.Pareto         0         0         0         0         0         0           TOP.top.FPMult.Mult.Mult.PartialProductSum.AdderType         0.8	TOP.VT	lvt	lvt	lvt	lvt
TOP.top.FPMult.ExponentWidth         XES         YES         YES           TOP.top.FPMult.ExponentWidth         23         23         23         23           TOP.top.FPMult.Mult.Designware.MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.BoothType         2         2         2         2         3           TOP.top.FPMult.Mult.MultP.TreeType         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.AultP.TreeType         Sklansky         DesignWare         Sklansky         DesignWare           INFO.Pareto         0         0         0         0         0         0           TOP.top.FPMult.Mult.PartialProductSum.AdderType         Sklansky         DesignWare         Sklansky         DesignWare           INFO.Pareto         0         0         0         0         0         0           TOP.top.FPMult.Mult.Mult.PartialProductSum.AdderType         0.8	TOP.Voltage	0.8	0.8	0.8	0.8
TOP. top. FPMult. Exponent Width         8         8         8         8           TOP. top. FPMult. Fraction Width         23         23         23         23           TOP. top. FPMult. Mult. Loesignware_MODE         OFF         OFF         OFF         OFF           TOP. top. FPMult. Mult. Mult. Designware_MODE         OFF         OFF         OFF         OFF           TOP. top. FPMult. Mult. Mult. Partial Product Sum. Adder Type         Wallace         ZM         ZM         Array           TOP. top. FPMult. Mult. Partial Product Sum. Adder Type         Sklansky         DesignWare         Sklansky         DesignWare           INFO_Pareto         0         0         0         0         0         0           TOP. top. FPMult. Mult. Partial Product Sum. Adder Type         104         105         106         107         107           TOP. VT         1vt         1v					
TOP-top.FPMult.Mult.Designware_MODE					
TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF         OFF         OFF         OFF           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         0         0           TOP.top.FPMult.Mult.Mult.PartialProductSum.AdderType         0.8         0.8         0.8         0.8           TOP.top.FPMult.EnableDenormals         YES					
TOP.top.FPMult.Mult.MultP.Bosignware_MODE					
TOP.top.FPMult.Mult.MultP.Designware_MODE   TOP.top.FPMult.Mult.MultP.TreeType   Sklansky   DesignWare   Sklansky   Sklansky   DesignWare   Sklansky   DesignWare   Sklansky   DesignWare   Sklansky   Sklansky   Sklansky   Sklansky   DesignWare   Sklansky   Sklans					
TOP.top.FPMult.Mult.MultP.TreeType					
TOP.top.FPMult.Mult.PartialProductSum.AdderType					
INFO_Pareto					
TOP.DesignIndex         104         105         106         107           TOP.VT         lvt	TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	DesignWare	Sklansky	DesignWare
TOP.DesignIndex         104         105         106         107           TOP.VT         lvt					
TOP.DesignIndex         104         105         106         107           TOP.VT         lvt					
Ivt   Ivt   Ivt   Ivt   Ivt   TOP.Voltage   0.8   0.8   0.8   0.8   0.8   0.8   0.8   TOP.top.FPMult.ExponentWidth   23   23   23   23   23   23   23   2					
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.Mult.Bosignware_MODE         OFF         OFF         OFF         OFF           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         1         10         0         11         10         0         11         10         11         11         10         10         10         10         10         10         10         10         10         10         10         10         10         10         11         10         0         0         10         10         10         10         10         10					
TOP.top.FPMult.EnableDenormals         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.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         1         0         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         <			lvt		lvt
TOP.top.FPMult.ExponentWidth					
TOP.top.FPMult.FractionWidth         23         23         23           TOP.top.FPMult.Mult.Mult.Designware_MODE         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.BoothType         3         3         3           TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.TreeType         Array         OS1         Wallace           TOP.top.FPMult.Mult.PartialProductSum.AdderType         Sklansky         DesignWare         DesignWare           INFO_Pareto         0         1         0         0           TOP.DesignIndex         108         109         110         111           TOP.VT         lvt	TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.Bosingware_MODE         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         1         0         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1         10         0         1	TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.Mult.MultP.BoothType	TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF Array         OFF OSI Wallace         OFF Wallace           TOP.top.FPMult.Mult.PartialProductSum.AdderType         Sklansky         DesignWare         DesignWare         Sklansky           INFO.Pareto         0         1         0         0         11         0         0         11         111	TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF Array         OFF OSE Array         OFF OSE	TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3
TOP.top.FPMult.Mult.MultP.TreeType		OFF	OFF	OFF	OFF
INFO_Pareto					
INFO.Pareto					
TOP.DesignIndex         108         109         110         111           TOP.VT         lvt		Jillianiy			- Diridinon's
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         8           TOP.top.FPMult.FractionWidth         23         23         23         23         23           TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.TreeType         ZM         ZM         Array         Array					
TOP.DesignIndex         108         109         110         111           TOP.VT         lvt	INFO Pareto	0	1	1 0	1 0 1
TOP.VT         lvt         lvt<					
TOP.Voltage         0.8         0.8         0.8         0.8           TOP.top.FPMult.EnableDenormals         YES					
TOP.top.FPMult.EnableDenormals         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.Designware_MODE         0FF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.TreeType         ZM         ZM         Array         Array					
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.Designware_MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.TreeType         ZM         ZM         Array         Array					
$ \begin{array}{c ccccc} TOP.top.FPMult.FractionWidth & 23 & 23 & 23 \\ TOP.top.FPMult.Mult.Designware\_MODE & OFF & OFF & OFF \\ TOP.top.FPMult.Mult.P.BoothType & 3 & 3 & 4 & 4 \\ TOP.top.FPMult.Mult.Designware\_MODE & OFF & OFF & OFF \\ TOP.top.FPMult.Mult.MultP.TreeType & ZM & ZM & Array & Array \\ \end{array} $					
TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.Bosignware_MODE         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					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					
TOP.top.FPMult.Mult.MultP.Designware_MODE OFF OFF OFF TOP.top.FPMult.Mult.MultP.TreeType ZM ZM Array Array					
TOP.top.FPMult.Mult.MultP.TreeType ZM ZM Array Array	TOP.top.FPMult.Mult.MultP.BoothType		"		· ·
	TOP.top.FPMult.Mult.MultP.Designware_MODE		OFF	OFF	OFF
TOP.top.FPMult.Mult.PartialProductSum.AdderType DesignWare Sklansky DesignWare Sklansky	TOP.top.FPMult.Mult.MultP.TreeType	ZM	ZM	Array	Array
	TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWar	e Sklansky	DesignWar	e Sklansky
"	'				

INFO_Pareto				
	0	0	1	l 1 l
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	1 0 1
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
				-
THE T				
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 23	8 23	8 23	8 23
TOP.top.FPMult.FractionWidth	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.Designware_MODE 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
Tot Rophi i Marchinari artisi i rodacegami iado i jype	Design (tare	Sitterions	Doolgii ((di c	Sittations
INFO_Pareto	0	0	0	1
TOP.DesignIndex	124	125	126	127
TOP.VT	lvt	lvt	lvt	lvt
TOP.Voltage TOP.top.FPMult.EnableDenormals	0.9 YES	0.9 YES	0.9 YES	0.9 YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth	8 23	8 23	8 23	8 23
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE	8 23 OFF	8 23 OFF	8 23 OFF	8 23 OFF
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.PBoothType	8 23 OFF 2	8 23 OFF 2	8 23 OFF 2	8 23 OFF 2
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.HultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE	8 23 OFF 2 OFF	8 23 OFF 2 OFF	8 23 OFF 2 OFF	8 23 OFF 2 OFF
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType	8 23 OFF 2 OFF Array	8 23 OFF 2 OFF Array	8 23 OFF 2 OFF OS1	8 23 OFF 2 OFF OS1
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE	8 23 OFF 2 OFF	8 23 OFF 2 OFF	8 23 OFF 2 OFF	8 23 OFF 2 OFF
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType	8 23 OFF 2 OFF Array DesignWare	8 23 OFF 2 OFF Array Sklansky	8 23 OFF 2 OFF OS1 DesignWare	8 23 OFF 2 OFF OS1 Sklansky
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.AuthortType TOP.top.FPMult.Mult.PartialProductSum.AdderType	8 23 OFF 2 OFF Array DesignWare	8 23 OFF 2 OFF Array Sklansky	8 23 OFF 2 OFF OS1 DesignWare	8 23 OFF 2 OFF OS1 Sklansky
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex	8 23 OFF 2 OFF Array DesignWare	8 23 OFF 2 OFF Array Sklansky	8 23 OFF 2 OFF OS1 DesignWare	8 23 OFF 2 OFF OS1 Sklansky
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.BultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT	8 23 OFF 2 OFF Array DesignWare	8 23 OFF 2 OFF Array Sklansky	8 23 OFF 2 OFF OS1 DesignWare	8 23 OFF 2 OFF OS1 Sklansky
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage	8 23 OFF 2 OFF Array DesignWare  1 128 lvt 0.9	8 23 OFF 2 OFF Array Sklansky  1 129 lvt 0.9	8 23 OFF 2 OFF OS1 DesignWare	8 23 OFF 2 OFF OS1 Sklansky
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals	8 23 OFF 2 OFF Array DesignWare  1 128 lvt 0.9 YES	8 23 OFF 2 OFF Array Sklansky 1 129 lvt 0.9 YES	8 23 OFF 2 OFF OS1 DesignWare	8 23 OFF 2 OFF OS1 Sklansky
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth	8 23 OFF 2 OFF Array DesignWare  1 128 lvt 0.9 YES 8	8 23 OFF 2 OFF Array Sklansky  1 129 lvt 0.9 YES 8	8 23 OFF 2 OFF OS1 DesignWare	8 23 OFF 2 OFF OS1 Sklansky
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth	8 23 OFF 2 OFF Array DesignWare  1 128 lvt 0.9 YES 8 23	8 23 OFF 2 OFF Array Sklansky 1 129 lvt 0.9 YES 8 23	8 23 OFF 2 OFF OS1 DesignWare	8 23 OFF 2 OFF OS1 Sklansky    1 131 lvt 0.99 YES 8 23
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.ExponentWidth TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE	8 23 OFF 2 OFF Array DesignWare  1 128 lvt 0.9 YES 8 23 OFF	8 23 OFF 2 OFF Array Sklansky  1 129 lvt 0.9 YES 8 23 OFF	8 23 OFF 2 OFF OS1 DesignWare	8 23 OFF 2 OFF OS1 Sklansky 1 1 131 lvt 0.9 YES 8 23 OFF
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE	8 23 OFF 2 OFF Array DesignWare 1 128 lvt 0.9 YES 8 23 OFF 2	8 23 OFF 2 OFF Array Sklansky 1 129 lvt 0.9 YES 8 23 OFF 2	8 23 OFF 2 OFF OS1 DesignWare 1 130 lvt 0.9 YES 8 23 OFF 2	8 23 OFF 2 OFF OS1 Sklansky  1 131 lvt 0.9 YES 8 23 OFF 2
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE	8 23 OFF 2 OFF Array DesignWare 1 128 lvt 0.9 YES 8 23 OFF 2 OFF	8 23 OFF 2 OFF Array Sklansky  1 129 lvt 0.9 YES 8 23 OFF 2 OFF	8 23 OFF 2 OFF OS1 DesignWare	8 23 OFF 2 OFF OS1 Sklansky  1 131 lvt 0.99 YES 8 23 OFF 2 OFF
TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE	8 23 OFF 2 OFF Array DesignWare 1 128 lvt 0.9 YES 8 23 OFF 2	8 23 OFF 2 OFF Array Sklansky 1 129 lvt 0.9 YES 8 23 OFF 2	8 23 OFF 2 OFF OS1 DesignWare 1 130 lvt 0.9 YES 8 23 OFF 2	8 23 OFF 2 OFF OS1 Sklansky  1 131 lvt 0.9 YES 8 23 OFF 2

INFO.Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType	0 132 lvt 0.9 YES 8 23 OFF 3 OFF Array DesignWar	0 133 lvt 0.9 YES 8 23 OFF 3 OFF Array Sklansky	1 134 lvt 0.9 YES 8 23 OFF 3 OFF OS1 DesignWar	1 135 lvt 0.9 YES 8 23 OFF 3 OFF Wallace DesignWare
INFO.Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Toesignware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType	0 136 lvt 0.9 YES 8 23 OFF 3 OFF Wallace Sklansky	0 137 lvt 0.9 YES 8 23 OFF 3 OFF ZM DesignWare	1 138 lvt 0.9 YES 8 23 OFF 3 OFF ZM Sklansky	0 139 lvt 0.9 YES 8 23 OFF 4 OFF Array DesignWare
INFO.Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.Mult.PartialProductSum.AdderType	0 140 lvt 0.9 YES 8 23 OFF 4 OFF Array Sklansky	0 141 lvt 0.9 YES 8 23 OFF 4 OFF Wallace DesignWare	0 142 lvt 0.9 YES 8 23 OFF 4 OFF Wallace Sklansky	1 143 lvt 0.9 YES 8 23 OFF NA ON NA DesignWare
INFO_Pareto TOP_DesignIndex TOP.VT TOP_Voltage TOP.top.FPMult_EnableDenormals TOP.top.FPMult_ExponentWidth TOP.top.FPMult_FractionWidth TOP.top.FPMult_Mult_Designware_MODE TOP.top.FPMult_Mult_MultP_BoothType TOP.top.FPMult_Mult_MultP_Designware_MODE TOP.top.FPMult_Mult_MultP_Designware_MODE TOP.top.FPMult_Mult_MultP_Designware_MODE TOP.top.FPMult_Mult_MultP_TreeType TOP.top.FPMult_Mult_PartialProductSum_AdderType	1 144 1vt 0.9 YES 8 23 OFF NA ON NA Sklansky	0 145 lvt 1.0 YES 8 23 OFF 1 OFF Array DesignWare	0 146 lvt 1.0 YES 8 23 OFF 1 OFF Array Sklansky	0 147 lvt 1.0 YES 8 23 OFF 1 OFF OS1 DesignWare
INFO_Pareto TOP.DesignIndex TOP.VIT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.Mult.TreeType TOP.top.FPMult.Mult.Mult.PartialProductSum.AdderType	0 148 lvt 1.0 YES 8 23 OFF 1 OFF OS1 Sklansky	0 149 lvt 1.0 YES 8 23 OFF 1 OFF Wallace DesignWare	1 150 lvt 1.0 YES 8 23 OFF 1 OFF Wallace Sklansky	0 151 lvt 1.0 YES 8 23 OFF 1 OFF ZM DesignWare

IMPO D				
INFO_Pareto	0 152	0 153	0 154	0 155
TOP.DesignIndex				
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. Partial Product Sum. Adder Type	Sklansky	DesignWare	Sklansky	DesignWare
TYPO P	_			
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. Booth Type	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		-	OS1
TOP.top.FPMult.Mult.PartialProductSum.AdderType	Sklansky	Array DesignWare	Array Sklansky	DesignWare
101.top.F1 Wuit.Muit.Fartian ToductSuin.Addel Type	Skialisky	Designware	Skialisky	Designware
INFO_Pareto	1	1 0	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.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	DesignWar	e Sklansky	DesignWar	e Sklansky
	I .			
INFO_Pareto	0	0	0	1 0 1
	168	169	170	171
TOP.DesignIndex				
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
	Array DesignWar		Wallace DesignWar	
TOP.top.FPMult.Mult.MultP.TreeType				

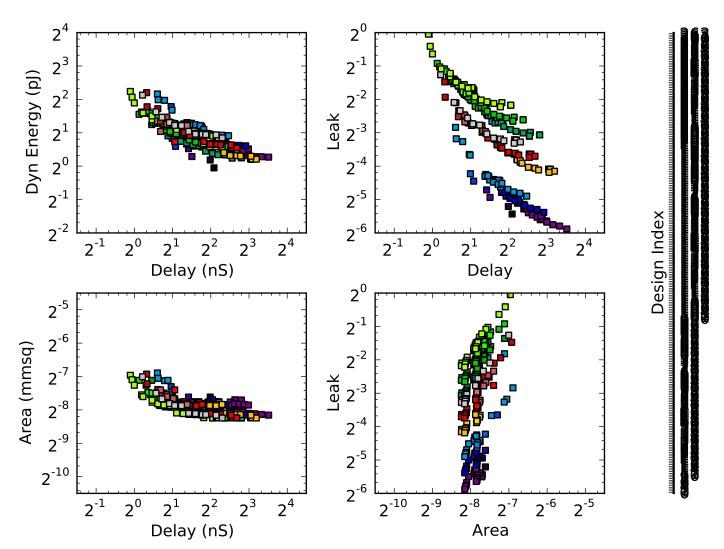
	1				
INFO Paneta	1	1 1	0	1 0 1	
INFO_Pareto	_	_		· · ·	
TOP.DesignIndex	172	173	174	175	
TOP.VT	lvt	lvt	svt	svt	
TOP.Voltage	1.0	1.0	0.8	0.8	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	8	8	8	8	
TOP.top.FPMult.FractionWidth	23	23	23	23	
TOP.top.FPMult.Mult.Designware_MODE	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	NA NA	Array	Array	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	
TOT.top.FT Mult.Mult.Fattian ToductSum.AdderType	Designware	Skialisky	Designware	Skialisky	
	1				
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	
		_	-	- 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	
	ĺ				
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	
TITO D					
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	
			_	2	
TOP.top.FPMult.Mult.MultP.BoothType	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. Partial Product Sum. Adder Type	DesignWare	Sklansky	DesignWare	Sklansky	
	İ				_
INFO_Pareto	1	0	0	0	
TOP.DesignIndex	188	189	190	191	
TOP.VT	svt	svt	svt	svt	
	0.8	0.8		0.8	
TOP. Voltage			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	
1 O1. sop.r1 muit.muit.muitr.liee1ype		1		Sklansky	
TOD top EDMult Mult Dout: De-JustCom Add T					
TOP. top. FPMult. Mult. Partial Product Sum. Adder Type	DesignWare	Sklansky	DesignWare	Skialisky	
TOP. top. FPMult. Mult. Partial Product Sum. Adder Type	DesignWare	Skiansky	Designware	Skiansky	

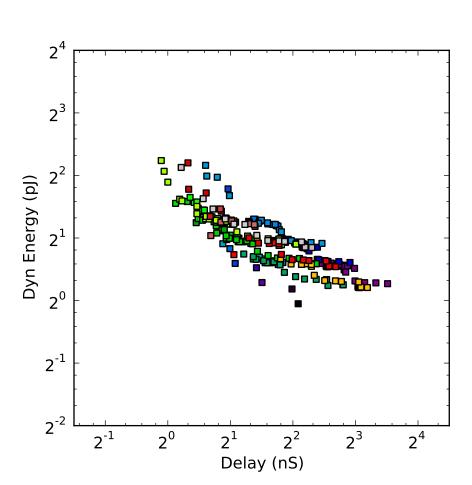
INFO_Pareto TOP.DesignIndex TOP.VT				
TOP.DesignIndex	0	1 1	0	0 1
	192	193	194	195
	svt	svt	svt	svt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	8	8	8	8
TOP.top.FPMult.FractionWidth	23	23	23	23
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	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
	8		8	2111111111
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 1	0	0 1
TOP.DesignIndex	204	205	206	207
TOP.Designindex TOP.VT	svt	205 svt	206 svt	svt
TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
	8	8	8	8
	~	0 1	0	
TOP.top.FPMult.ExponentWidth		23	23	
TOP.top.FPMult.FractionWidth	23 OFF	23 OFF	23 OFF	23 OFF
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType	OFF 1	OFF 1	OFF 1	OFF 1
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF 1 OFF	OFF $1$ OFF	$ \begin{array}{c} \text{OFF} \\ \text{OFF} \end{array} $	OFF 1 OFF
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.HultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType	OFF 1 OFF Array	OFF 1 OFF Array	OFF 1 OFF OS1	OFF 1 OFF OS1
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF 1 OFF	OFF $1$ OFF	$ \begin{array}{c} \text{OFF} \\ \text{OFF} \end{array} $	OFF 1 OFF
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.HultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType	OFF 1 OFF Array	OFF 1 OFF Array	OFF 1 OFF OS1	OFF 1 OFF OS1
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType	OFF 1 OFF Array	OFF 1 OFF Array Sklansky	OFF 1 OFF OS1 DesignWare	OFF 1 OFF OS1
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto	OFF 1 OFF Array DesignWare	OFF 1 OFF Array Sklansky	OFF 1 OFF OS1 DesignWare	OFF 1 OFF OS1 Sklansky
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex	OFF 1 OFF Array DesignWare	OFF 1 OFF Array Sklansky	OFF 1 OFF OS1 DesignWare	OFF 1 OFF OS1 Sklansky
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Mult.Designware_MODE TOP.top.FPMult.Mult.Mult.P.Designware_MODE TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT	OFF 1 OFF Array DesignWare	OFF 1 OFF Array Sklansky 0 209 svt	OFF 1 OFF OS1 DesignWare	OFF 1 OFF OS1 Sklansky
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage	OFF 1 OFF Array DesignWare	OFF 1 OFF Array Sklansky 0 209 svt 0.9	OFF 1 OFF OS1 DesignWare	OFF 1 OFF OS1 Sklansky
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals	OFF 1 OFF Array DesignWare	OFF 1 OFF Array Sklansky 0 209 svt	OFF 1 OFF OS1 DesignWare	OFF 1 OFF OS1 Sklansky
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BosthType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth	OFF 1 OFF Array DesignWare 0 208 svt 0.9 YES 8	OFF 1 OFF Array Sklansky 0 209 svt 0.9 YES 8	OFF 1 OFF OS1 DesignWare	OFF 1 OFF OS1 Sklansky 0 211 svt 0.9 YES 8
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Mult.Designware_MODE TOP.top.FPMult.Mult.Mult.P.Designware_MODE TOP.top.FPMult.Mult.Mult.P.Designware_MODE TOP.top.FPMult.Mult.Mult.P.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth	OFF 1 OFF Array DesignWare	OFF 1 OFF Array Sklansky 0 209 svt 0.9 YES 8 23	OFF 1 OFF OS1 DesignWare	OFF 1 OFF OS1 Sklansky 0 211 svt 0.9 YES 8 23
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.ExponentWidth TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE	OFF 1 OFF Array DesignWare	OFF 1 OFF Array Sklansky 0 209 svt 0.9 YES 8 23 OFF	OFF 1 OFF OS1 DesignWare 0 210 svt 0.9 YES 8 23 OFF	OFF 1 OFF OS1 Sklansky 0 211 svt 0.9 YES 8 23 OFF
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.Voltage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE	OFF 1 OFF Array DesignWare 0 208 svt 0.9 YES 8 23 OFF 1	OFF 1 OFF Array Sklansky 0 209 svt 0.9 YES 8 23 OFF 1	OFF 1 OFF OS1 DesignWare 0 210 svt 0.9 YES 8 23 OFF 1	OFF 1 OFF OS1 Sklansky 0 211 svt 0.9 YES 8 23 OFF 1
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Mult.Designware_MODE TOP.top.FPMult.Mult.Mult.P.Designware_MODE TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.VOItage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF 1 OFF Array DesignWare	OFF 1 OFF Array Sklansky  0 209 svt 0.9 YES 8 23 OFF 1 OFF	OFF 1 OFF OS1 DesignWare 0 210 svt 0.9 YES 8 23 OFF 1	OFF 1 OFF OS1 Sklansky 0 211 svt 0.9 YES 8 23 OFF 1 OFF
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VOT TOP.Voltage TOP.top.FPMult.ExponentWidth TOP.top.FPMult.ExponentWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF 1 OFF Array DesignWare	OFF 1 OFF Array Sklansky 0 209 svt 0.9 YES 8 23 OFF 1	OFF 1 OFF OS1 DesignWare 0 210 svt 0.9 YES 8 23 OFF 1 OFF ZM	OFF 1 OFF OS1 Sklansky 0 211 svt 0.9 YES 8 23 OFF 1
TOP.top.FPMult.FractionWidth TOP.top.FPMult.Mult.Mult.Designware_MODE TOP.top.FPMult.Mult.Mult.P.Designware_MODE TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeType TOP.top.FPMult.Mult.PartialProductSum.AdderType  INFO_Pareto TOP.DesignIndex TOP.VT TOP.VOItage TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.BoothType TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF 1 OFF Array DesignWare	OFF 1 OFF Array Sklansky  0 209 svt 0.9 YES 8 23 OFF 1 OFF Wallace	OFF 1 OFF OS1 DesignWare 0 210 svt 0.9 YES 8 23 OFF 1	OFF 1 OFF OS1 Sklansky 0 211 svt 0.9 YES 8 23 OFF 1 OFF ZM

INFO_Pareto
TOP.DesignIndex
TOP.VT
TOP.Voltage         0.9         0.9         0.9         0.9           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.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         0         0         0S1         OS1         OS1         OS1         OS1         TOP.TOP.DesignIndex         216         217         218         219         22         2
TOP.top.FPMult.EnableDenormals
TOP.top.FPMult.ExponentWidth         28         8         8         8           TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.BoothType         2
TOP.top.FPMult.FractionWidth         23         23         23         23           TOP.top.FPMult.Mult.MultP.BosthType         2
TOP.top.FPMult.Mult.Designware_MODE
TOP.top.FPMult.Mult.MultP.BoothType         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         0FF         OFF         OP         O
TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF         OFF         OFF         OFF         OFF         OFF         OS1         OS2
TOP.top.FPMult.Mult.PartialProductSum.AdderType   DesignWare   Sklansky   DesignWare   Sklansky   Sklansky
TOP.top.FPMult.Mult.PartialProductSum.AdderType
INFO_Pareto
TOP.DesignIndex         216         217         218         219           TOP.VT         svt         svt         svt         svt           TOP.Voltage         0.9         0.9         0.9         0.9         0.9           TOP.top.FPMult.EnableDenormals         YES         YES         YES         YES           TOP.top.FPMult.ExponentWidth         8         8         8         8         8           TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF         OFF           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.top.DesignIndex         220         221         222         223         223         TOP.top.FPMult.EnableDenormals         YES
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           TOP.top.FPMult.ExponentWidth         8         8         8         8           TOP.top.FPMult.EractionWidth         23         23         23         23           TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.Designware_MODE         Wallace         Wallace         ZM         ZM           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.top.Top.Top.Top.Top.Top.Top.Top.Top.Top.T
TOP.DesignIndex
TOP.VT         svt         svt         svt         svt           TOP.Voltage         0.9         TOP.top.FPMult.ExponentWidth         8
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         8           TOP.top.FPMult.FractionWidth         23         23         23         23         23           TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF
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         2           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.top.FPMult.FractionWidth         23         23         23         23           TOP.top.FPMult.Mult.Designware_MODE         OFF         OFF         OFF         OFF           TOP.top.FPMult.Mult.MultP.Bosignware_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         27         TOP.Voltage         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         TOP.top.FPMult.ExponentWidth         8
TOP.top.FPMult.Mult.Designware_MODE
TOP.top.FPMult.Mult.MultP.BoothType         2         2         2         2         2         2         2         2         7         2         2         2         2         2         2         0FF         OFF         OPF         OPF         OPF         OPF         OPF         OPP         OPP         OPP         OPP         OPP </td
TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF         DESIGN WARD         Sklansky         In Figure Ward         Sklansky         Sklansky         Sklansky         Sklansky         In Figure Ward         Sklansky         Sklansky         Sklansky         Sklansky         Sklansky         Sklansky         Sklansky         In Figure Ward         Sk
TOP.top.FPMult.Mult.MultP.Designware_MODE         OFF         DESIGN WARD         Sklansky         In Figure Ward         Sklansky         Sklansky         Sklansky         Sklansky         In Figure Ward         Sklansky         Sklansky         Sklansky         Sklansky         Sklansky         Sklansky         Sklansky         In Figure Ward         Sk
TOP.top.FPMult.Mult.MultP.TreeType         Wallace DesignWare         Wallace Sklansky         ZM DesignWare         ZM 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         23
DesignWare   DesignWare   Sklansky   DesignWare   Sklansky   Sklansky
INFO_Pareto
TOP.DesignIndex         220         221         222         223           TOP.VT         svt         svt         svt         svt           TOP.Voltage         0.9         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.DesignIndex         220         221         222         223           TOP.VT         svt         svt         svt         svt           TOP.Voltage         0.9         0.9         0.9         0.9         0.9           TOP.top.FPMult.EnableDenormals         YES         YES         YES         YES         YES           TOP.top.FPMult.ExponentWidth         8         8         8         8           TOP.top.FPMult.FractionWidth         23         23         23         23
TOP.DesignIndex         220         221         222         223           TOP.VT         svt         svt         svt         svt           TOP.Voltage         0.9         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.VT         svt         svt         svt         svt           TOP.Voltage         0.9         0.9         0.9         0.9           TOP.top.FPMult.EnableDenormals         YES         YES         YES           TOP.top.FPMult.ExponentWidth         8         8         8         8           TOP.top.FPMult.FractionWidth         23         23         23         23
TOP.Voltage         0.9         0.9         0.9         0.9           TOP.top.FPMult.EnableDenormals         YES
TOP.top.FPMult.EnableDenormals         YES         YES         YES           TOP.top.FPMult.ExponentWidth         8         8         8           TOP.top.FPMult.FractionWidth         23         23         23
TOP.top.FPMult.ExponentWidth         8         8         8           TOP.top.FPMult.FractionWidth         23         23         23
TOP.top.FPMult.FractionWidth 23 23 23 23
TOT.top.Fr Mult.Mult.Designware_MODE   OFF   OFF   OFF
TOP.top.FPMult.MultP.BoothType 3 3 3
TOP.top.FPMult.Mult.MultP.Designware_MODE
TOP.top.FPMult.Mult.PartialProductSum.AdderType   DesignWare   Sklansky   DesignWare   Sklansky
INFO_Pareto 0   0   1   1
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 23
TOP.top.FPMult.Mult.Designware_MODE OFF OFF OFF OFF
TOP.top.FPMult.Mult.MultP.BoothType 3 3 3 3
TOP.top.FPMult.MultP.Designware_MODE OFF OFF OFF OFF
TOP.top.FPMult.MultP.TreeType   Wallace   Wallace   ZM   ZM
TOP.top.FPMult.Mult.PartialProductSum.AdderType   DesignWare   Sklansky   DesignWare   Sklansky
INFO_Pareto 0 0 0 0
INFO_Pareto         0         0         0           TOP.DesignIndex         228         229         230         231
TOP.DesignIndex         228         229         230         231           TOP.VT         svt         svt         svt         svt
TOP.DesignIndex         228         229         230         231           TOP.VT         svt         svt         svt         svt           TOP.Voltage         0.9         0.9         0.9         0.9
TOP.DesignIndex         228         229         230         231           TOP.VT         svt         svt         svt         svt
TOP.DesignIndex         228         229         230         231           TOP.VT         svt         svt         svt         svt           TOP.Voltage         0.9         0.9         0.9         0.9
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. Enable Denormals         YES         YES         YES         YES
TOP. DesignIndex         228         229         230         231           TOP.VT         svt         svt         svt         svt           TOP.Voltage         0.9         0.9         0.9         0.9         0.9           TOP.top.FPMult.EnableDenormals         YES         YES         YES         YES         YES           TOP.top.FPMult.ExponentWidth         8         8         8         8         8           TOP.top.FPMult.FractionWidth         23         23         23         23
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. Enable Denormals         YES         YES         YES         YES           TOP. top. FPMult. Exponent Width         8         8         8         8           TOP. top. FPMult. Fraction Width         23         23         23         23           TOP. top. FPMult. Mult. Designware _MODE         OFF         OFF         OFF         OFF
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. Enable Denormals         YES         YES         YES         YES           TOP. top. FPMult. Exponent Width         8         8         8         8           TOP. top. FPMult. Fraction Width         23         23         23         23           TOP. top. FPMult. Mult. Designware MODE         OFF         OFF         OFF           TOP. top. FPMult. Mult. Mult. P. Booth Type         4         4         4         4
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. Enable Denormals         YES         YES         YES         YES           TOP.top. FPMult. Exponent Width         8         8         8         8           TOP.top. FPMult. Fraction Width         23         23         23         23           TOP.top. FPMult. Mult. Loesignware_MODE         OFF         OFF         OFF         OFF           TOP.top. FPMult. Mult. Mult. P. Doesignware _MODE         OFF         OFF         OFF         OFF
TOP.DesignIndex         228         229         230         231           TOP.VT         svt         svt         svt         svt           TOP.Voltage         0.9         0.9         0.9         0.9         0.9           TOP.top.FPMult.EnableDenormals         YES         YES </td

INFO_Pareto	1	1 1	1 0	1 0 1	
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	
DIEG B					
INFO_Pareto	0 236	0 237	0 238	0 239	
TOP.DesignIndex 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 23	8 23	8 23	8 23	
TOP.top.FPMult.FractionWidth 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	
INIEO D	,				
INFO_Pareto	1	0	1	0	
TOP.DesignIndex TOP.VT	244 svt	245 svt	246 svt	247 svt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP. voitage 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	
	<u> </u>				_
NIPO P	_				
INFO_Pareto	1	1	0	0	
TOP.DesignIndex	248	249	250	251	
TOP V-14	svt	svt	svt	svt	
TOP top FPMult EnableDenormals	1.0	1.0 VEC	1.0	1.0 VES	
TOP.top.FPMult.EnableDenormals TOP.top.FPMult.ExponentWidth	YES 8	YES 8	YES	YES 8	
	23	23	8 23	23	
TOP.top.FPMult.FractionWidth	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.Designware_MODE TOP.top.FPMult.Mult.MultP.BoothType	2	2	3	3	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOT. GOP. F F MUIT. MUIT. MUITP. Designware_MODE	ZM	ZM	Array	Array	
TOP top FPMult Mult Mult P Tree Type					
TOP.top.FPMult.Mult.MultP.TreeType					
$TOP. top. FPMult. Mult. Mult P. Tree Type \\ TOP. top. FPMult. Mult. Partial Product Sum. Adder Type$	DesignWare	Sklansky	DesignWare	Sklansky	

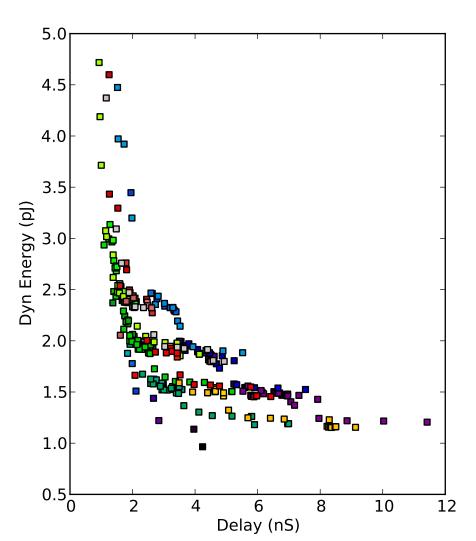
1	1	1	0
252	253	254	255
svt	svt	svt	svt
1.0	1.0	1.0	1.0
YES	YES	YES	YES
8	8	8	8
23	23	23	23
OFF	OFF	OFF	OFF
3	3	3	3
OFF	OFF	OFF	OFF
OS1	OS1	Wallace	Wallace
DesignWare	Sklansky	DesignWare	Sklansky
			0
			259
			svt
			1.0
			YES
			8
			23
			OFF
_		_	4
			OFF
			Array
DesignWare	Sklansky	DesignWare	Sklansky
0	1 0	l 1	1 1 1
			263
			svt
			1.0
			YES
			8
			23
			OFF
11			NA NA
OFF	OFF	ON	ON
II OFF			
Wallaco	Wallaco	NΙΔ	NΙΔ
Wallace DesignWare	Wallace Sklansky	NA DesignWare	NA Sklansky
	252 svt 1.0 YES 8 23 OFF 3 OFF OS1 DesignWare   1 256 svt 1.0 YES 8 23 OFF ZM DesignWare   0 260 svt 1.0 YES 8 23 OFF ZM DesignWare	252 253 svt svt 1.0 1.0 YES YES 8 8 23 23 OFF OFF OS1 DesignWare Sklansky  1 1 256 257 svt svt 1.0 1.0 YES YES 8 8 8 23 23 OFF OFF OS1 DesignWare Sklansky  1 0 1.0 YES YES 8 8 8 23 23 OFF OFF OFF OFF OFF SM ZM ZM DesignWare Sklansky  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	252   253   254   svt   svt   svt   svt   svt   svt   svt   1.0   1.0   1.0   1.0   YES   YES   8   8   8   8   3   3   3   3   3   3





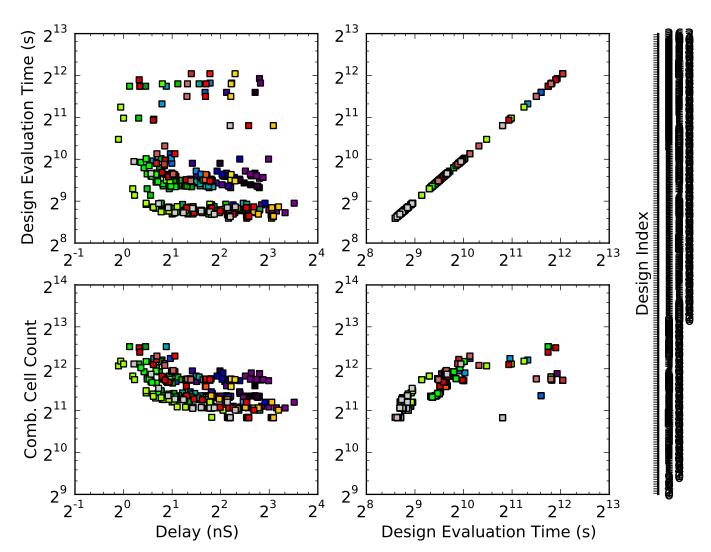
Design Index

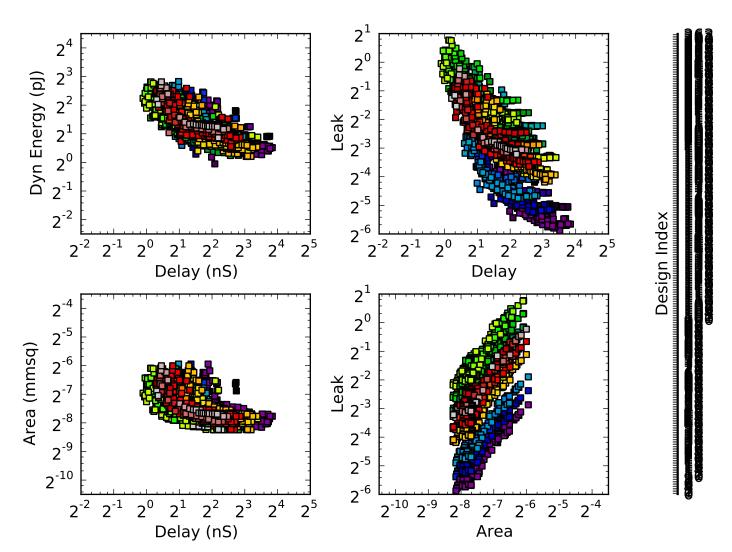
FPMult-32-Pareto

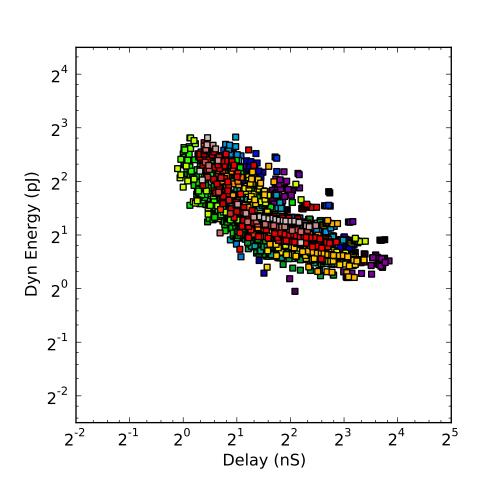




FPMult-32-Pareto







Design Index

FPMult-32-All

