FPMult-128

March 25, 2012

1 Design Map

areto	0	0	0	0
signIndex	l ő	1	2	3
2581111401	svt	svt	svt	svt
tage	0.8	0.8	0.8	0.8
.FPMult.EnableDenormals	YES	YES	YES	YES
.FPMult.ExponentWidth	15	15	15	15
.FPMult.FractionWidth	112	112	112	112
.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
.FPMult.Mult.MultP.BoothType	1	1	1	1
.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
.FPMult.Mult.MultP.TreeType	Array	Array	OS1	OS1
.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansk
ureto	0	0	0	0
signIndex	4	5	6	7
	svt	svt	svt	svt
tage	0.8	0.8	0.8	0.8
.FPMult.EnableDenormals	YES	YES	YES	YES
.FPMult.ExponentWidth	15	15	15	15
.FPMult.FractionWidth	112	112	112	112
.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
.FPMult.Mult.MultP.BoothType	1	1	1	1
.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	$_{\rm ZM}$
.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansk
areto	0	0	1	1
signIndex	8	9	10	11
	svt	svt	svt	svt
tage	0.8	0.8	0.8	0.8
.FPMult.EnableDenormals	YES	YES	YES	YES
.FPMult.ExponentWidth	15	15	15	15
.FPMult.FractionWidth	112	112	112	112
	OFF	-	-	OFF
	2	_	_	2
	OFF			OFF
.FPMult.Mult.MultP.TreeTvpe	Array	Array	OS1	OS1
FPMult.Mult.Designware_MODE FPMult.Mult.MultP.BoothType FPMult.Mult.MultP.Designware_MODE FPMult.Mult.MultP.TreeType	OF 2 OF	FF 2 FF	FF OFF 2 2 FF OFF	$egin{array}{cccccccccccccccccccccccccccccccccccc$

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INFO_Pareto	1 12	13	14	15
TOP.DesignIndex TOP.VT	svt.		l .	svt
TOP.Voltage	0.8	svt 0.8	svt 0.8	0.8
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
J.				
	İ			
INFO_Pareto	0	0	1	1
TOP.DesignIndex	16	17	18	19
TOP.VT	svt	svt	svt	svt
TOP. Voltage	0.8	0.8	0.8	0.8
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3
$TOP.top.FPMult.Mult.MultP.Designware_MODE$	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	OS1	OS1
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TUTO B				
INFO_Pareto	0	0	1	1
TOP.DesignIndex	20	21	22	23
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.FractionWidth	OFF	OFF	112 OFF	OFF
TOP.top.FPMult.Mult.Designware_MODE	3	3	3	3
TOP.top.FPMult.Mult.MultP.BoothType 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
101.top.F1 Wuit.Wuit.1 artian ToductSum.Addel Type	Designware	Skialisky	Designware	Skialisky
	1			
INFO_Pareto	0	0	0	0
TOP.DesignIndex	24	25	26	27
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.8	0.8	0.8	0.8
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	4	4	4	4
$TOP.top.FPMult.Mult.MultP.Designware_MODE$	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	Wallace	Wallace
TOP. top. FPMult. Mult. Partial Product Sum. Adder Type	DesignWare	Sklansky	DesignWare	Sklansky
INFO_Pareto	1	1	0	0
TOP.DesignIndex	28	29	30	31
TOP.VT	svt	svt	svt	svt
TOP.Voltage	0.8	0.8	0.9	0.9
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	NA	NA	1	1
TOP.top.FPMult.Mult.MultP.Designware_MODE	ON	ON	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	NA	NA	Array	Array
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky

INFO Pareta O					
TOP-Votage	INFO Danata	0	1 0	1 0	
TOP-Voltage					
TOP-tot-lage		1		!	
TOP-top.FPMull.ExponentWidth					
TOP-top.FPMult.ParcionWidth					
TOP-top-FPMult. Mult. Designware.MODE					
TOP-top.FPMult.Mult.Designware.MODE		1			
TOP-top-FPMult. Mult.Mult.Dosignware.MODE					
TOP-top-FPMult. Mult. Mult. Pare Type		OFF			OFF
TOP-top-FPMult.Mult.PartialProductSum.AdderType		_			-
DesignWare					
INFO_Pareto	TOP.top.FPMult.Mult.MultP.TreeType	OS1	OS1	Wallace	Wallace
TOP.DesignIndex	TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.DesignIndex					
TOP.DesignIndex					
TOP.Voltage	INFO_Pareto	0	0	0	0
TOP.Voltage	TOP.DesignIndex	36	37	38	39
TOP-top-FPMult.ExponentWidth		svt	svt	svt	svt
TOP-top-PPMult_ExponentWidth					
TOP-top-PFMult. 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.Designware_MODE TOP-top-FPMult.Mult.MultP.TreeType ZM					
TOP.top.FPMult.Mult.MultP.TeetType					
TOP.top.FPMult.Mult.PartialProductSum.AdderType		1 -	_	_	
		1		!	
INFO_Pareto					
TOP.DesignIndex	TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
TOP.DesignIndex					
TOP.DesignIndex					
TOP.VOltage	INFO_Pareto	1	1	1	0
TOP.VOltage	TOP.DesignIndex	40	41	42	43
TOP.top.FPMult.ExponentWidth		svt	svt	svt	svt
TOP.top.FPMult.ExponentWidth	TOP Voltage	0.9	0.9	0.9	0.9
TOP.top.FPMult.ExponentWidth					
TOP.top.FPMult.Mult.Designware_MODE					
TOP.top.FPMult.Mult.Designware_MODE					
TOP.top.FPMult.Mult.MultP.Dosignware_MODE					
TOP.top.FPMult.Mult.MultP.Designware_MODE OFF OOF OFF OOF OFF Wallace DesignWare OFF OOS OFF OOS OFF Wallace DesignWare OFF Wallace DesignWare DesignWare Wallace DesignWare DesignWare DesignWare Wallace DesignWare DesignWare DesignWare DesignWare Wallace DesignWare DesignWare DesignWare DesignWare DesignWare Wallace DesignWare Des					
TOP.top.FPMult.Mult.MultP.TreeType					
TOP.top.FPMult.Mult.PartialProductSum.AdderType					
INFO_Pareto					
TOP.DesignIndex 44 45 46 47 TOP.VT svt <t< td=""><td>TOP.top.FPMult.Mult.PartialProductSum.AdderType</td><td>DesignWare</td><td>Sklansky</td><td>Design Ware</td><td>Sklansky</td></t<>	TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	Design Ware	Sklansky
TOP.DesignIndex 44 45 46 47 TOP.VT svt <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
TOP.DesignIndex 44 45 46 47 TOP.VT svt <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
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 15 15 15 15 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 TOP.top.FPMult.Mult.PartialProductSum.AdderType DesignWare Sklansky DesignWare Sklansky INFO_Pareto 1 0 0 0 0 TOP.DesignIndex 48 49 50 51 51 TOP.VT svt svt svt svt svt svt TOP.top.FPMult.EnableDenormals YES					
TOP.Voltage 0.9 0.9 0.9 0.9 TOP.top.FPMult.EnableDenormals YES	TOP.DesignIndex	44	45	46	47
TOP.top.FPMult.EnableDenormals YES YES YES YES TOP.top.FPMult.ExponentWidth 15 15 15 15 TOP.top.FPMult.FractionWidth 112 112 112 112 TOP.top.FPMult.Mult.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.TreeType ZM ZM Array Array TOP.top.FPMult.Mult.PartialProductSum.AdderType DesignWare Sklansky DesignWare Sklansky INFO_Pareto 1 0	TOP.VT	svt	svt	svt	svt
TOP.top.FPMult.EnableDenormals YES YES YES YES TOP.top.FPMult.ExponentWidth 15 15 15 15 TOP.top.FPMult.FractionWidth 112 112 112 112 TOP.top.FPMult.Mult.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.TreeType ZM ZM Array Array TOP.top.FPMult.Mult.PartialProductSum.AdderType DesignWare Sklansky DesignWare Sklansky INFO_Pareto 1 0	TOP.Voltage	0.9	0.9	0.9	0.9
TOP.top.FPMult.ExponentWidth 15 15 15 15 TOP.top.FPMult.FractionWidth 112 </td <td>TOP.top.FPMult.EnableDenormals</td> <td>YES</td> <td>YES</td> <td>YES</td> <td>YES</td>	TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.FractionWidth 112 112 112 112 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 TOP.top.FPMult.Mult.PartialProductSum.AdderType DesignWare Sklansky DesignWare Sklansky INFO_Pareto 1 0 0 0 TOP.UT svt svt svt TOP.VOltage 0.9 0.9 0.9 0.9 TOP.top.FPMult.EnableDenormals YES YES YES TOP.top.FPMult.ExponentWidth 15 15 15 15 TOP.top.FPMult.FractionWidth 112 112 112 112 112 TOP.top.FPMult.Mult.Mult.Designware_MODE OFF OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.TreeType OS1<		15	15	15	15
TOP.top.FPMult.Mult.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.Bosignware_MODE 2 2 3 3 TOP.top.FPMult.Mult.MultP.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.TreeType ZM ZM Array Array TOP.top.FPMult.Mult.PartialProductSum.AdderType DesignWare Sklansky DesignWare Sklansky INFO_Pareto 1 0		112	112	112	112
TOP.top.FPMult.Mult.MultP.BoothType 2 2 3 3 TOP.top.FPMult.Mult.MultP.Designware_MODE OFF					
TOP.top.FPMult.Mult.MultP.Designware_MODE OFF ZM OFF ZM Array Array Array Array Array Sklansky TOP.top.FPMult.Mult.PartialProductSum.AdderType DesignWare Sklansky DesignWare Sklansky INFO_Pareto 1 0 0 0 TOP.DesignIndex 48 49 50 51 TOP.VT svt svt svt svt TOP.Voltage 0.9 0.9 0.9 0.9 0.9 TOP.top.FPMult.EnableDenormals YES YES YES YES YES TOP.top.FPMult.ExponentWidth 15 15 15 15 15 TOP.top.FPMult.FractionWidth 112 112 112 112 112 112 102 105 0FF				-	
TOP.top.FPMult.Mult.MultP.TreeType ZM ZM Array Array TOP.top.FPMult.Mult.PartialProductSum.AdderType DesignWare Sklansky DesignWare Sklansky INFO_Pareto 1 0 0 0 TOP.DesignIndex 48 49 50 51 TOP.VT svt svt svt svt TOP.Voltage 0.9 0.9 0.9 0.9 TOP.top.FPMult.ExponentWidth 15 15 15 15 TOP.top.FPMult.FractionWidth 112 112 112 112 112 TOP.top.FPMult.Mult.Designware_MODE OFF OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.TreeType OS1 Wallace Wallace			_		
TOP.top.FPMult.Mult.PartialProductSum.AdderType					
INFO_Pareto					
TOP.DesignIndex 48 49 50 51 TOP.VT svt svt svt svt TOP.Voltage 0.9 0.9 0.9 0.9 TOP.top.FPMult.EnableDenormals YES YES YES YES TOP.top.FPMult.ExponentWidth 15 15 15 15 TOP.top.FPMult.FractionWidth 112 112 112 112 TOP.top.FPMult.Mult.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.TreeType OS1 OS1 Wallace Wallace	TOP.top.FFMuit.Muit.FartiaiFroductSum.AdderType	Designware	Skiansky	Designware	Skiansky
TOP.DesignIndex 48 49 50 51 TOP.VT svt svt svt svt TOP.Voltage 0.9 0.9 0.9 0.9 TOP.top.FPMult.EnableDenormals YES YES YES YES TOP.top.FPMult.ExponentWidth 15 15 15 15 TOP.top.FPMult.FractionWidth 112 112 112 112 TOP.top.FPMult.Mult.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.TreeType OS1 OS1 Wallace Wallace		1			
TOP.DesignIndex 48 49 50 51 TOP.VT svt svt svt svt TOP.Voltage 0.9 0.9 0.9 0.9 TOP.top.FPMult.EnableDenormals YES YES YES YES TOP.top.FPMult.ExponentWidth 15 15 15 15 TOP.top.FPMult.FractionWidth 112 112 112 112 TOP.top.FPMult.Mult.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.Designware_MODE OFF OFF OFF OFF TOP.top.FPMult.Mult.MultP.TreeType OS1 OS1 Wallace Wallace	THE P	1 _			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		1 -			
TOP.Voltage 0.9 0.9 0.9 0.9 TOP.top.FPMult.EnableDenormals YES		1		!	
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TOP.top.FPMult.ExponentWidth 15 15 15 15 TOP.top.FPMult.FractionWidth 112 112 112 112 112 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.TreeType OS1 Wallace Wallace		0.9			0.9
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.Mult.Designware_MODE OFF OFF OFF TOP.top.FPMult.Mult.MultP.Bosignware_MODE 3 3 3 TOP.top.FPMult.Mult.MultP.Designware_MODE OFF OFF OFF TOP.top.FPMult.Mult.MultP.TreeType OS1 Wallace Wallace					
$ \begin{array}{c ccccc} TOP.top.FPMult.Mult.MultP.BoothType & 3 & 3 & 3 \\ TOP.top.FPMult.Mult.MultP.Designware_MODE & OFF & OFF \\ TOP.top.FPMult.Mult.MultP.TreeType & OS1 & OS1 & Wallace \\ \end{array} $					
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$					
TOP.top.FPMult.Mult.MultP.TreeType OS1 OS1 Wallace Wallace					
101.top.F1 Mult.Mult.1 attair roductoum.Adder 1 ype Design ware Sklansky Design ware Sklansky					
II	TOF.top.FF.Muit.Muit.FartiaiFroductsum.AdderType	Designware	ькіаньку	Designware	okialisky
		I			

INFO_Pareto	1	1 0	0	1 0 1	
	52	53	54	55	
TOP.DesignIndex TOP.VT	svt.			svt	
TOP.Voltage	0.9	svt 0.9	svt 0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	15	15	15	15	
TOP.top.FPMult.FractionWidth	112	112	112	112	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	3	3	4	4	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	ZM	ZM	Array	Array	
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky	
J.					_
	Ì				
INFO_Pareto	0	0	1	1	
TOP.DesignIndex	56	57	58	59	
TOP.VT	svt	svt	svt	svt	
TOP. Voltage	0.9	0.9	0.9	0.9	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	15	15	15	15	
TOP.top.FPMult.FractionWidth	112	112	112	112	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	4	4	NA	NA	
$TOP.top.FPMult.Mult.MultP.Designware_MODE$	OFF	OFF	ON	ON	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	NA	NA	
TOP. top. FPMult. Mult. Partial Product Sum. Adder Type	DesignWare	Sklansky	DesignWare	Sklansky	
TUTO D					
INFO_Pareto	0	0	0	0	
TOP.DesignIndex	60	61	62	63	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	15	15	15	15	
TOP.top.FPMult.FractionWidth	OFF	OFF	112 OFF	OFF	
TOP.top.FPMult.Mult.Designware_MODE	-	1	1	- 1	
TOP.top.FPMult.Mult.MultP.BoothType 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	
1 O1 .00p.11 Wate.Wate.1 aretain roducespain.71dder 1 ype	Designivare	BRIGHSKY	Designware	Skiansky	
	1				
INFO_Pareto	0	0	0	0	
TOP.DesignIndex	64	65	66	67	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	15	15	15	15	
TOP.top.FPMult.FractionWidth	112	112	112	112	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	1	1	1	1	
$TOP.top.FPMult.Mult.MultP.Designware_MODE$	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM	
TOP. top. FPMult. Mult. Partial Product Sum. Adder Type	DesignWare	Sklansky	DesignWare	Sklansky	
INFO_Pareto	0	0	1	1	
TOP.DesignIndex	68	69	70	71	
TOP.VT	svt	svt	svt	svt	
TOP.Voltage	1.0	1.0	1.0	1.0	
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES	
TOP.top.FPMult.ExponentWidth	15	15	15	15	
TOP.top.FPMult.FractionWidth	112	112	112	112	
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2	
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF	
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	OS1	OS1	
TOP. top. FPMult. Mult. Partial Product Sum. Adder Type	DesignWare	Sklansky	DesignWare	Sklansky	
	1				
	I				

INFO_Pareto	1	1 0	1 0	1 1 1
TOP.DesignIndex	72	73	74	75
TOP.VT	svt	svt	svt	svt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	2	2	2	2
TOP.top.FPMult.Mult.MultP.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
	Ü			v
INFO_Pareto	0	0	1	0
TOP.DesignIndex	76	77	78	79
TOP.VT	svt	svt	svt	svt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	3 OFF	OFF	3 OFF	3
TOP.top.FPMult.Mult.MultP.Designware_MODE	1			OFF
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	OS1	OS1
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
	1			
INFO_Pareto	0	0	1	0
TOP.DesignIndex	80	81	82	83
TOP.VT	svt	svt	svt	svt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	3	3	3	3
$TOP.top.FPMult.Mult.MultP.Designware_MODE$	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Wallace	Wallace	ZM	ZM
TOP.top.FPMult.Mult.PartialProductSum.AdderType	DesignWare	Sklansky	DesignWare	Sklansky
INFO_Pareto	0	0	0	0
TOP.DesignIndex	84	85	86	87
TOP.VT	svt	svt	svt	svt
TOP.Voltage	1.0	1.0	1.0	1.0
TOP.top.FPMult.EnableDenormals	YES	YES	YES	YES
TOP.top.FPMult.ExponentWidth	15	15	15	15
TOP.top.FPMult.FractionWidth	112	112	112	112
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.BoothType	4	4	4	4
$TOP.top.FPMult.Mult.MultP.Designware_MODE$	OFF	OFF	OFF	OFF
TOP.top.FPMult.Mult.MultP.TreeType	Array	Array	Wallace	Wallace
TOP. top. FPMult. Mult. Partial Product Sum. Adder Type	DesignWare	Sklansky	DesignWare	Sklansky
INFO_Pareto	1	1	1 1	
TOP.DesignIndex	88	89		
TOP.VT	svt	svt		
TOP.Voltage	1.0	1.0		
TOP.top.FPMult.EnableDenormals	YES	YES		
TOP.top.FPMult.ExponentWidth	15	15		
TOP.top.FPMult.FractionWidth	112	112		
TOP.top.FPMult.Mult.Designware_MODE	OFF	OFF		
TOP.top.FPMult.Mult.MultP.BoothType	NA	NA		
	ON	ON		
TOP.top.FPMult.Mult.Mult.P Designware MODE			1 1	
TOP.top.FPMult.Mult.MultP.Designware_MODE TOP.top.FPMult.Mult.MultP.TreeTvpe		N A		
TOP.top.FPMult.Mult.MultP.TreeType	NA	NA Sklansky		
		NA Sklansky		





















