Design	RTL Coding	RTL regress	Gate regress	Area	Synthesis timing	Internal Worst timing	External Worst timing	Target timing	Violation
BIF	100%				SCLK				
					BCLK				
					AGPCLK				
ararar			<u>.</u>		MCLK				
MC	95%				SCLK				
0.0000000-000	0.00.000.000.000				MCLK				
HDP	100%				SCLK				
	15/25/27/2000				BCLK				
VIP/ROM/I2C	100%				SCLK				
					FCP				
Display	100%				SCLK				
					PIXCLK				
					P2GCLK				
					OV0CLK				
					TMDS				
					TVOUT				
D = T // O	4000/				DVOCLK				
DFT/IO	100%				NA	NIA	NIA	NIA	N14
System	NA	·			NA	NA	NA	NA	NA



		RTL	RTL		Tests
Desi	gn	specs	coding	Emulation	Written
display	dcp	100%	100%	100%	100%
200	lb	100%	100%	100%	98%
	scl	100%	100%	100%	98%
	crtc	100%	100%	100%	100%
	dispout	100%	100%	100%	100%
	tvout	100%	100%	80%	50%
vga		100%	100%	99%	100%
vip		100%	100%	100%	100%
BIF		95%	95%	90%	30%
IDCT		100%	100%	100%	100%

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Des	Design		Area (mm2)	Area accuracy	Timing (flops)
display					
SW22 2001	dcp	2.50	1.81	99%	3.93
	lb	2.50	1.11	99%	2.07
	scl	2.50	1.36	99%	4.58
	crtc	2.50	0.23	99%	2.19
	dispout	2.50	0.58	99%	2.16
0.0883 (A000 A A)	tvout	10.00	0.81	99%	21.81
vga		2.50	0.35	99%	4.27
νip		2.50	0.49	100%	2.94
VideoIP(DC)			7.04	99%	
BIF		14.00	1.63	98%	14.00
		3.50			2.96
		2.50			2.10
IDCT		2.50	1.22	99%	2.33



Design	features		EMU	Completed	Planned	Added
VideoIP(DC)	display		100%	143	143	0
07 800	0.00	dcp	#DIV/0!			
		lb .	100%	89	89	
		scl	#DIV/0!			
		crtc				
		dispout	100%	54	54	
		tvout	#DIV/0!			
	vga		100%	100	100	
	vip		100%	72	72	
Subtotal			100%	458	458	0
IDCT			100%	396	396	
Total			100%	854	854	0

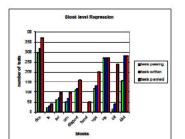
8/1/2002



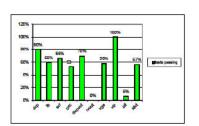
Deelgn	feature	RTL regress	Tosto passing	Toots Written	Tests Planned	Teet written %		
	dcp	80% 60%	296 24	318 30	370 40	86% 75%		
	eric	66% 53%	54 51	73 68	97 96	75% 71%		
	dispout			70% 0%	112	119	160 50	749
	vga	58%	117 271	131 271	202 271	65%		
BIF	bir	6%	15	40	240	17%		
IDCT	ldct	57%	158	279	279	100%		

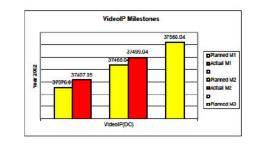
Dealgn		eatures	RTL regress	Toots Toots as passing Written		Tests Planned						
	_	dep	32%	57	180	202						
l		lb	21%	3	14	18						
		sci	30%	3	0	70						
		erte	44%	15	34	50						
	vga	dispout dispout	54% 54% 65%	29 29 22	54 54 34	79 79 154						
							vlp	vlp	100%	270	270	275
							BIF	2		7%	15	225
	IDCT			85%	240	279	279					
Total			5126	255	504	519						

Deelgn	features		Planned M1	Achieved M1	Planned N2	Achieved M2	Plannod M2	Ach M2
9		dcp	30-Apr	31-May	31-Jul	31-Aug	31-0ct	
		lb	30-Apr	31-May	31-Jul	31-Aug	31-Oct	
		scl	30-Apr	31-May	31-Jul	31-Aug	31-0ct	
		erte	30-Apr	31-May	31-Jul	31-Aug	31-Oct	
		dispout	30-Apr	31-May	31-Jul	31-Aug	31-Oct	
		dispout	30-Apr	31-May	31-Jul	31-Aug	31-Oct	
	vga	vge	30-Apr	31-May	31-Jul	31-Aug	31-Oct	L
	vip	vip	30-Apr	31-May	(5)	N 1994	30.00	951
BIF		bif	30-May					
IDCT		ldct	30-May	30-Jun				



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