Design	RTL Coding	RTL regress	Gate regress	Area	Synthesis timing	Internal Worst timing	External Worst timing	Target timing	Violation
BIF	100%				SCLK				
					BCLK				
					AGPCLK				
					MCLK				
МС	95%				SCLK				
	1000/				MCLK				
HDP	100%				SCLK				
	4000/				BCLK				
VIP/ROM/I2C	100%				SCLK				
Diamlar	1000/				FCP				
Display	100%				SCLK PIXCLK				
					PIACER P2GCLK				
					OV0CLK				
					TMDS				
					TVOUT				
					DVOCLK				
DFT/IO	100%				NA				
System	NA				NA	NA	NA	NA	NA
-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			•						

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		RTL	RTL		Tests
Design		specs	coding	Emulation	Written
display					
	dcp	100%	100%	100%	100%
	lb	100%	100%	98%	98%
	scl	100%	100%	98%	91%
	crtc	100%	100%	100%	100%
	dispout	100%	100%	100%	100%
	tvout	100%	100%	80%	50%
dccg		100%	100%	no emu	no tests
dccif		100%	100%	no emu	no tests
rbbmif		100%	100%	no emu	no tests
dmif		100%	100%	no emu	no tests
vga		100%	100%	99%	100%
vip		100%	100%	100%	100%
VideoIP(DC)					
BIF		90%	90%	90%	30%
IDCT		100%	100%	100%	100%
Total		-			

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		Area							
Design		Clock	Area (mm2)	accuracy	Timing				
display	dcp	2.25	2.41	100%	3.72				
	lb	2.25	1.42	100%	3.25				
	scl	2.25	1.39	100%	3.23				
	crtc	2.25	0.25	100%	2.25				
	dispout	2.25	0.67	100%	3.13				
	tvout	10.00	0.93	100%	10.76				
vga		2.25	0.39	100%	4.43				
vip		2.25	0.49	100%	2.38				
VideoIP(DC)			8.27	97%					
BIF		14.00	1.63	99%	12.39				
		3.50			3.50				
		2.25			2.78				
IDCT		2.25	1.22	99%	2.90				
Total									

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Design	fea	atures	EMU	Completed	Planned	Added
VideoIP(DC)	display		100%	143	143	0
		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

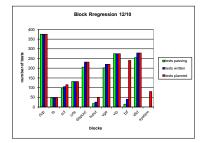
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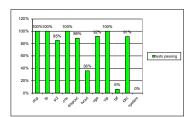


Design			RTL regress	Tests passing	Tests Written	Tests Planned	Tests written
VideoIP(DC)		DC					
		dcp	100%	375	375	375	100%
		lb	100%	47	47	47	100%
		scl	85%	98	105	115	91%
		crtc	100% 89% 36% 92%	131 206 18 202	131 232 25 220	131 232 50 220	100% 100% 50% 100%
		dispout tvout vga					
	vga						
	vip	vip	100%	275	275	275	100%
BIF		bif	6%	15	40	240	17%
IDCT		idct	91%	255	279	279	100%
		system	0%	0	0	80	0%
Total			93%	1607	1689	1724	98%

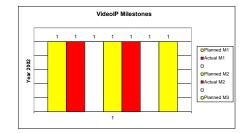
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Design	fea	tures	RTL regress	Tests passing	Tests Written	Tests Planned
VideoIP(DC)			#REF!	#REF!	#REF!	#REF!
		dcp	32%	57	180	202
		lb	21%	3	14	18
		scl	38%	3	8	78
		crtc	44%	15	34	50
		dispout	54%	29	54	79
		dispout	54%	29	54	79
	vga	vga	65%	22	34	154
	vip	vip	100%	270	270	275
BIF			7%	15	225	240
IDCT			86%	240	279	279
IDCT			86%	240	279	279
Total			63%	495	783	798



			Planned	Achieved	Planned	Achieved	Plann
Design		eatures	M1	M1	M2	M2	M2
VideoIP(DC)		VideoIP(D)	30-Apr	31-May	31-Jul	31-Aug	31-C
		dcp	30-Apr	31-May	31-Jul	31-Aug	31-0
		lb .	30-Apr	31-May	31-Jul	31-Aug	31-0
		scl	30-Apr	31-May	31-Jul	31-Aug	31-0
		crtc	30-Apr	31-May	31-Jul	31-Aug	31-0
		dispout	30-Apr	31-May	31-Jul	31-Aug	31-0
		dispout	30-Apr	31-May	31-Jul	31-Aug	31-0
	vga	vga	30-Apr	31-May	31-Jul	31-Aug	31-0
	vip	vip	30-Apr	31-May			
BIF		bif	30-May				
IDCT		idct	30-May	30-Jun			
IDCT		idct	30-May	30-Jun			



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