

000112 IDENT CLKSYNCR
PROGRAM LENGTH

SIMTSS 00002

BLOCKS

000000 000107 PROGRAM* LOCAL
000107 000003 LITERALS* LOCAL

ENTRY POINTS

000000 CPCLOCK	000003 PPCLOCK	000006 C0CLOCK	000011 C9CLOCK
000014 CCCLOCK	000021 TEMPCLK	000022 CPUEXIT	000033 CCEXIT
000043 C0EXIT	000047 C9EXIT	000067 INIT	

EXTERNAL SYMBOLS

THEEND	CCINIT	C9INIT	DSPANGO	PPUINIT	CPUDSMC	LINE	PPUSIM
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		MACRO	CLOCK, TYPE		SIMTSS	
		ENTRY	TYPE→CLOCK		SIMTSS	
		TYPE→CLOCK DATA 0			SIMTSS	
		RJ	TYPE→START		SIMTSS	
		EQ	ADVCLOCK		SIMTSS	
		ENDM			SIMTSS	00009
000000		CLOCKTAB BSS	0		SIMTSS	00010
000000		CP			SIMTSS	00011
		PP			SIMTSS	00012
		C0			SIMTSS	00013
		C0			SIMTSS	00014
		C9			SIMTSS	00015
		CC			SIMTSS	00016
000017	77777777777777777776	DATA	-1	END OF TABLE	SIMTSS	00017
000020	00000000000000000000	MASTERC	0	MASTER CLOCK	SIMTSS	00018
	0000003 +	PPUCLOCK			SIMTSS	00019
		EQU	PPCLOCK		SIMTSS	00020
		ENTRY	TEMPCLK		SIMTSS	00021
000021	00000000000000000000	TEMPCLK	0	TEMPORARY CLOCK DURING RNI	SIMTSS	00021

000022	00000000000000000000	CPUEXIT	ENTRY	CPUEXIT		SIMTSS	00023
000023	5110000000 +		DATA	0		SIMTSS	00024
	5120000021 +		SA1	CPCLOCK		SIMTSS	00025
			SA2	TEMPCLK		SIMTSS	00026
000024	37312		IX3	X1-X2		SIMTSS	00027
	0323000026 +		PL	X3,CPSTART		SIMTSS	00028
	10622		BX6	X2		SIMTSS	00029
000025	54610		SA6	A1	DELAY CPU TIL RNI DONE	SIMTSS	00030
000026	00000000000000000000	CPSTART	DATA	0		SIMTSS	00031
000027	0400000022 +		EQ	CPUEXIT		SIMTSS	00032

000030	00000000000000000000	CCSTART	ENTRY	CCEXIT		SIMTSS	00034
000031	5110000014 +		DATA	0		SIMTSS	00035
	7160000012		SA1	CCCLOCK		SIMTSS	00036
000032	36661		SX6	10		SIMTSS	00037
	54610		IX6	X6+X1		SIMTSS	00038
			SA6	A1		SIMTSS	00039
000033	00000000000000000000	CCEXIT	DATA	0		SIMTSS	00040
000034	0400000030 +		EQ	CCSTART		SIMTSS	00041

000035	00000000000000000000	PPSTART	DATA	0		SIMTSS	00043
000036	5110000003 +		SA1	PPUCLOCK		SIMTSS	00044
	7160000012		SX6	10		SIMTSS	00045
000037	36616		IX6	X1+X6		SIMTSS	00046
	54610		SA6	A1		SIMTSS	00047
	0100000000 X		RJ	=XPPUSIM		SIMTSS	00048
000040	5110000107 +		SA1	=10H		SIMTSS	00049
	10611		BX6	X1		SIMTSS	00050
	22701		LX7	X1		SIMTSS	00051
000041	5160000000 X		SA6	=XLINE		SIMTSS	00052
	5170000001 X		SA7	=XLINE+1		SIMTSS	00053
000042	5170000002 X		SA7	LINE+2		SIMTSS	00054
	0400000035 +		EQ	PPSTART		SIMTSS	00055

000043	00000000000000000000	COEXIT	ENTRY	COEXIT		SIMTSS	00057
000044	00000000000000000000	COSTART	DATA	0		SIMTSS	00058
000045	5110000006 +		DATA	0		SIMTSS	00059
	7160000012		SA1	COCLOCK		SIMTSS	00060
000046	36616		SX6	10		SIMTSS	00061
	54610		IX6	X1+X6		SIMTSS	00062
	0400000043 +		SA6	A1		SIMTSS	00063
			EQ	COEXIT		SIMTSS	00064

000047	00000000000000000000	C9EXIT	ENTRY	C9EXIT	SIMTSS	00066
		DATA		0	SIMTSS	00067
000050	00000000000000000000	C9START	DATA	0	SIMTSS	00068
000051	5110000011 +	SA1	C9CLOCK		SIMTSS	00069

000052 36661 7160000012
 54610
 0400000047 +

SX6 10
IX6 X6+X1
SA6 A1
EQ C9EXIT

SIMTSS 00070
SIMTSS 00071
SIMTSS 00072
SIMTSS 00073

INITIALIZER TABLE

000053	20606	INDONE	LX6	6		SIMTSS	00075
	1 766		BX7	X6		SIMTSS	00076
	20703		LX7	3		SIMTSS	00077
	20601		LX6	1		SIMTSS	00078
000054	36667		IX6	X6+X7		SIMTSS	00079
	5160000106 +		SA6	=SMAXCLK		SIMTSS	00080
000055	00000000000000000000	INITIAL	DATA	0		SIMTSS	00081
000056	0100000000 X		RJ	=XCPUDSMC	DEAD START MASTER CLEAR CPU	SIMTSS	00082
000057	0100000000 X		RJ	=XPPUINIT		SIMTSS	00083
000060	0100000000 X		RJ	=XDSPANGO		SIMTSS	00084
000061	0100000000 X		RJ	=XC9INIT		SIMTSS	00085
000062	0100000000 X		RJ	=XCCINIT		SIMTSS	00086
000063	76600		SX6	B0		SIMTSS	00087
	5110000002		SA1	2		SIMTSS	00088
	43066		MX0	54		SIMTSS	00089
000064	20106	LOOP	LX1	6		SIMTSS	00090
	15210		BX2	=X0*X1		SIMTSS	00091
	0302000053 +		ZR	X2,INDONE		SIMTSS	00092
000065	7222777744		SX2	X2-1R0		SIMTSS	00093
	20603		LX6	3		SIMTSS	00094
	36662		IX6	X6+X2		SIMTSS	00095
000066	0400000064 +		EQ	LOOP		SIMTSS	00096

000067	0100000055 +	INIT	ENTRY	INIT		SIMTSS	00098
000070	7100777775	ADVCLCK	RJ	INITIAL		SIMTSS	00099
	5150000020 +		SX0	-2		SIMTSS	00100
			SA5	MASTERC		SIMTSS	00101
000071	5110000106 +		SA1	MAXCLK		SIMTSS	00102
	37115		IX1	X1-X5		SIMTSS	00103
000072	0331000104 +		NG	X1,TIMELIM		SIMTSS	00104
000073	5110000103 +	ADVCL	SA1	CURRDEV	GET CURRENT DEVICE NUMBER	SIMTSS	00105
	7261000003		SX6	X1+3	MOVE ON	SIMTSS	00106
000074	5061000000		SA6	A1+0		SIMTSS	00107
	5226000000 +		SA2	X6+CLOCKTAB	GET NEXT CLOK	SIMTSS	00108
000075	0332000077 +		NG	X2,ENDTAB	SENSE IT IS THE END OF TABLE	SIMTSS	00109
	37652		IX6	X5-X2		SIMTSS	00110
	64120		SB1	A2		SIMTSS	00111
000076	0336000073 +		NG	X6,ADVCL	DEVICE NOT READY	SIMTSS	00112
	0210000001		JP	B1+1	CALL ROUTINE	SIMTSS	00113
000077	7160777774	ENDTAB	SX6	-3		SIMTSS	00114
	7200000001		SX0	X0+1		SIMTSS	00115
000100	5066000000		SA6	A6+0		SIMTSS	00116
	0330000073 +		NG	X0,ADVCL		SIMTSS	00117
000101	7160000012		SX6	10		SIMTSS	00118
	36665		IX6	X6+X5		SIMTSS	00119
	54650		SA6	A5		SIMTSS	00120
000102	0400000070 +		EQ	ADVCLCK		SIMTSS	00121
000103	00000000000000000000	CURRDEV	DATA	0		SIMTSS	00122
000104	5110000110 +	TIMELIM	SA1	=10H TIME LIMIT		SIMTSS	00123
	5120000111 +		SA2	=10H DUMPED		SIMTSS	00124
000105	0400000000 X		EQ	=XTHEEND		SIMTSS	00125
000112			END	INIT		SIMTSS	00126

022662

UNUSED STORAGE

165 STATEMENTS

36 SYMBOLS

SYMBOLIC REFERENCE TABLE

ADVCL	0000073	PROGRAM*	000076,	000100				
ADVCLOCK	0000070	PROGRAM*	000002,	000005,	000010,	000013,	000016,	000102
CCCLOCK	0000014	PROGRAM*	000031					
CCINIT	0000000	EXTERNAL*	000062					
CCSTART	0000030	PROGRAM*	000015,	000034				
CLOCKTAB	0000000	PROGRAM*	000074					
CPCLOCK	0000000	PROGRAM*	000023					
CPSTART	0000026	PROGRAM*	000001,	000024				
CPUDSMC	0000000	EXTERNAL*	000056					
CPUEXIT	0000022	PROGRAM*	000027					
CURRDEV	0000103	PROGRAM*	000073					
CCLOCK	0000006	PROGRAM*	000045					
CCEXIT	0000043	PROGRAM*	000046					
COSTART	0000044	PROGRAM*	000007					
C9CLOCK	0000011	PROGRAM*	000051					
C9EXIT	0000047	PROGRAM*	000052					
C9INIT	0000000	EXTERNAL*	000061					
C9START	0000050	PROGRAM*	000012					
DSPANGO	0000000	EXTERNAL*	000060					
ENDTAB	0000077	PROGRAM*	000075					
INDONE	0000053	PROGRAM*	000064					
INITIAL	0000055	PROGRAM*	000067					
LINE	0000000	EXTERNAL*	000041,	000041,	000042			
LOOP	0000064	PROGRAM*	000066					
MASTERC	0000020	PROGRAM*	000070					
MAXCLK	0000106	PROGRAM*	000054,	000071				
PPCLOCK	0000003	PROGRAM*	000021					
PPSTART	0000035	PROGRAM*	000004,	000042				
PFUCLOCK	0000003	PROGRAM*	000036					
PPUINIT	0000000	EXTERNAL*	000057					
PPUSIM	0000000	EXTERNAL*	000037					
TEMPCLK	0000021	PROGRAM*	000023					
THEEND	0000000	EXTERNAL*	000105					
TIMELIM	0000104	PROGRAM*	000072					