

Welcome: **ipgod**
Last Login:



Viterbi Encoder/Decoder - Resource-Shared

The table below lists the available pre-customized configurations. Use the following sort and filter capability to help you find a specific configuration in the table.

- Sort by: (in ascending order)
- Filter by: for a value of:
Submit

Available "Pre-Customized" Configurations

Selecting a configuration from the following table automatically takes you to the Check Out page. With each core you receive a parameterized C model and test bench, VHDL behavioral and RTL models and test benches, synthesis script, and complete user's guide.

Performance values are post-synthesis to a 0.35um CMOS process, nominal conditions.

Select Configuration	Performance			Pa									
	Clock Rate (MHz)	Gate Count	Sample Rate (MHz)	D	G0	G1	G2	G3	G4	L	acs_mem_type	ber_insync_	
tsviterbi_59	96.584	12034	1.509	96	171	133	0	0	0	7	Single-port synchronous RAM	Include bi error rate monitor an sync monit	
tsviterbi_64	94.116	28392	5.882	96	171	133	0	0	0	7	Single-port synchronous RAM	Include bi error rate monitor an sync monit	
tsviterbi_65	96.172	16697	3.005	96	171	133	0	0	0	7	Single-port synchronous RAM	Include bi error rate monitor an sync monit	

tsviterbi_66	78.743	41722	1.230	192	752	561	0	0	0	9	Single-port synchronous RAM	No bit error rate monitor sync monitor
tsviterbi_67	78.743	43766	1.230	192	557	663	711	0	0	9	Single-port synchronous RAM	No bit error rate monitor sync monitor
Performance				Pa								
Select Configuration	Clock Rate (MHz)	Gate Count	Sample Rate (MHz)	D	G0	G1	G2	G3	G4	L	acs_mem_type	ber_insync_
tsviterbi_68	88.997	6478	5.562	64	35	23	0	0	0	5	Single-port synchronous RAM	No bit error rate monitor sync monitor
tsviterbi_74	87.626	25469	1.369	96	711	663	557	0	0	9	Single-port synchronous RAM	No bit error rate monitor sync monitor
tsviterbi_75	83.029	44998	2.594	96	711	663	557	0	0	9	Single-port synchronous RAM	No bit error rate monitor sync monitor
tsviterbi_76	84.365	94538	5.272	96	711	663	557	0	0	9	Single-port synchronous RAM	No bit error rate monitor sync monitor
tsviterbi_77	83.573	206156	10.446	96	711	663	557	0	0	9	Single-port synchronous RAM	No bit error rate monitor sync monitor
Performance				Pa								
Select Configuration	Clock Rate (MHz)	Gate Count	Sample Rate (MHz)	D	G0	G1	G2	G3	G4	L	acs_mem_type	ber_insync_
tsviterbi_78	83.788	12661	1.309	32	244	155	201	0	0	8	Single-port synchronous RAM	Include bit error rate monitor and sync monitor
tsviterbi_53	83.739	5719	1.308	48	171	133	0	0	0	7	Single-port synchronous RAM	No bit error rate monitor sync monitor
tsviterbi_54	83.739	6661	1.308	48	171	133	165	0	0	7	Single-port synchronous RAM	No bit error rate monitor sync monitor
tsviterbi_69	83.739	15216	0.327	192	557	663	711	0	0	9	Single-port synchronous RAM	No bit error rate monitor sync monitor

tsviterbi_70	83.739	13220	0.327	192	752	561	0	0	0	9	Single-port synchronous RAM	No bit error rate monitor sync monitor
Performance				Pa								
Select Configuration	Clock Rate (MHz)	Gate Count	Sample Rate (MHz)	D	G0	G1	G2	G3	G4	L	acs_mem_type	ber_insync_
tsviterbi_71	96.575	11544	0.377	96	752	561	0	0	0	9	Single-port synchronous RAM	No bit error rate monitor sync monitor
tsviterbi_72	89.783	13536	0.350	96	711	663	557	0	0	9	Single-port synchronous RAM	No bit error rate monitor sync monitor
tsviterbi_73	89.350	14413	0.698	96	711	663	557	0	0	9	Single-port synchronous RAM	No bit error rate monitor sync monitor
tsviterbi_80	84.526	14463	1.320	128	171	133	0	0	0	7	Single-port synchronous RAM	Include bit error rate monitor and sync monitor
tsviterbi_81	84.527	15698	0.330	96	171	133	0	0	0	9	Single-port synchronous RAM	Include bit error rate monitor and sync monitor
Performance				Pa								
Select Configuration	Clock Rate (MHz)	Gate Count	Sample Rate (MHz)	D	G0	G1	G2	G3	G4	L	acs_mem_type	ber_insync_
tsviterbi_82	82.024	27969	1.281	96	171	133	0	0	0	9	Single-port synchronous RAM	Include bit error rate monitor and sync monitor
tsviterbi_83	77.522	47907	2.422	96	171	133	0	0	0	9	Single-port synchronous RAM	Include bit error rate monitor and sync monitor
tsviterbi_84	74.123	98096	4.632	96	171	133	0	0	0	9	Single-port synchronous RAM	Include bit error rate monitor and sync monitor

tsviterbi_85	76.792	211161	9.599	96	171	133	0	0	0	9	Single-port synchronous RAM	Include bit error rate monitor and sync monitor
tsviterbi_87	97.417	8338	1.522	48	171	133	0	0	0	7	Single-port synchronous RAM	Include bit error rate monitor and sync monitor
Performance				Pa								
Select Configuration	Clock Rate (MHz)	Gate Count	Sample Rate (MHz)	D	G0	G1	G2	G3	G4	L	acs_mem_type	ber_insync_
tsviterbi_88	97.417	14484	0.380	54	753	561	0	0	0	9	Single-port synchronous RAM	Include bit error rate monitor and sync monitor
tsviterbi_89	96.575	11486	0.377	54	753	561	0	0	0	9	Single-port synchronous RAM	No bit error rate monitor and sync monitor
tsviterbi_90	81.133	17758	5.070	48	171	133	0	0	0	7	Single-port synchronous RAM	Include bit error rate monitor and sync monitor
tsviterbi_91	92.946	16924	5.809	48	171	133	0	0	0	7	Single-port synchronous RAM	Include bit error rate monitor and sync monitor
tsviterbi_92	86.455	28925	5.403	48	171	133	0	0	0	7	register array	Include bit error rate monitor and sync monitor
Performance				Pa								
Select Configuration	Clock Rate (MHz)	Gate Count	Sample Rate (MHz)	D	G0	G1	G2	G3	G4	L	acs_mem_type	ber_insync_
tsviterbi_93	86.610	17781	5.413	48	171	133	0	0	0	7	Single-port synchronous RAM	Include bit error rate monitor and sync monitor
tsviterbi_94	75.073	19688	4.692	48	171	133	0	0	0	7	Single-port synchronous RAM	Include bit error rate monitor and sync monitor

tsviterbi_95	78.793	18764	4.924	48	171	133	0	0	0	7	Single-port synchronous RAM	Include bit error rate monitor and sync monitor
tsviterbi_97	71.881	95238	17.970	48	171	133	0	0	0	7	register array	Include bit error rate monitor and sync monitor
tsviterbi_98	72.695	43660	4.543	48	171	133	0	0	0	7	register array	Include bit error rate monitor and sync monitor
Performance				Pa								
Select Configuration	Clock Rate (MHz)	Gate Count	Sample Rate (MHz)	D	G0	G1	G2	G3	G4	L	acs_mem_type	ber_insync_
tsviterbi_99	83.741	4485	20.935	18	7	5	0	0	0	3	Single-port synchronous RAM	No bit error rate monitor and sync monitor
tsviterbi_101	82.562	94431	20.640	64	171	133	0	0	0	7	Single-port synchronous RAM	No bit error rate monitor and sync monitor
tsviterbi_103	65.432	28962	0.511	128	753	561	0	0	0	9	Single-port synchronous RAM	No bit error rate monitor and sync monitor
tsviterbi_104	65.475	20671	0.255	128	753	561	0	0	0	9	Single-port synchronous RAM	No bit error rate monitor and sync monitor

If you are unable to locate the configuration you need, you can request a **NEW** configuration using our **Interactive Databook**.



products | consulting | support services | partners | education & training | year 2000
news & events | investor relations | career opportunities | company info
home | search | site index | regional sites | contact us

For more information, please contact us at 1-800-547-3000 or 503-685-7000

© Copyright 1997-98 Mentor Graphics, 8005 SW Boeckman Road, Wilsonville, OR, 97070, USA