



Vector Capture and Playback Strategies



The VECUTIL Vector Utility Verification Module

- **VECUTIL** is a verification module used by Sunburst Design to capture and selectively playback test vectors

- `ifdef GENVEC - Vector Capture mode
 - capture **invec** patterns (**input wire invec**)

Enabled with
+define+GENVEC

- `elsif PLAYBACK - Play back captured vectors
 - drive **invec** patterns (**output reg invec**)

Enabled with
+define+PLAYBACK

- `else - allow testbench to generate stimulus but compare outputs against captured vectors

Vector Capture Block Diagram

Not active in
PLAYBACK mode

