

Partial Scan Testing

- Sometimes full scan insertion is too expensive in terms of AREA OR speed.
- Partial Scan allows only a certain subset or a certain percentage of FF's to be scanned.
- Methodology relies heavily on ATP& tools.
- Steps
 - READ in structural design
 - Faultgrase the design
 - ATP& tool runs functional vectors to determine their effectiveness
 - ATP& tool then inserts sum FIF's AS needed to meet test coverage requires or until AREA limit is met.

Tradeoffs

