Problem B:

Power and Timing Optimization Using Multibit Flip-Flop

Beta Test Results:

Rank	testcase1_0812	testcase2_0812	hiddencase01	hiddencase02	hiddencase03
1	685696458.395	902630.691	33380366.109	25012869.697	54997121.469
2	749011364.194	1110221.844	41310508.933	26188400.396	58627493.176
3	780071463.121	1340306.713	53129507.267	63178540.813	62476689.376
4	829302781.616	1435689.758	70898149.310	76925840.026	75261779.907
5	833348627.008	1507551.319	71904921.592	76925840.026	77093975.534
6	833348631.677	1507551.319	83135158.945	77135031.433	79907784.262
7	842300384.921	1589181.665	83135461.345	79712422.838	80334967.857
8	932583552.757	1705677.421	91729676.086	85492664.203	82090075.939
9	995999387.468	1740595.558	98399841.122	87290815.820	89595676.658
10	1007671324.271	1798097.363	99459085.739	90483853.664	91986619.886