

TABLE 2 COMMON OUTPUT COMPRESSORS

Output compressor	Combinatorial/sequential	Comment
Space compactor (XOR tree) using only fan-in	Combinatorial	Could alias (lose) errors from even number of chains or when combined with unknown (X) values
Space compactor with fan-out	Combinatorial	Less chance of aliasing, can handle some X
Multiplexed output selects	Combinatorial	May miss accidental detects, can handle X
Convolutional compactor	Sequential	Less chance of aliasing, can handle some X
MISR with space compactor	Sequential	Less chance of aliasing, cannot handle X