**Legend**

Memory

Combinatorial Logic

Registers

Symbol size ~1000 bytes

ROM for H Connections

Symbol #1

Symbol #2

Symbol #k

Symbol #(k+1)

Symbol #n

Source Symbols

Repair Symbols

Symbol #j

Symbol Accumulator Reg

. . .

Symbol #j = Symbol[H(j-k)(Nonzero col#1)] XOR Symbol[H(j-k)(Nonzero col#2)] XOR … XOR Symbol[H(j-k)(Last Nonzero col)]