



D F = 252 + 252 + wxy + xy + wxy F = y'z (x+x') + xy (w'+w) + x'y F= 42+ 24 + 24 F = 4 7 +4 F = (y+y'). (y+z) = 4+ Z Y Z 47 as we see F" is the find result of the original 0 Boolean gates system, the original and the new upgraded gates systems 0000 result same so thats mean it's true (e) OUT we had been used I gate in the Linst system and now we just using I gate in this system thats cool:)

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