91. It AYB, F=2A+3B clse F=3A-213 A & B are 2-bit binary numbers. 2×2-bit multiplier 7483 I c 2210 2 x2-bit multiplier: 1x0 x4,40 40 P. 7040 HA as AND gate: 42 M.

mutiplier design } 1M using HAS